

1909

A. Goldman
Wilcox, Arizona.

12 mi. N. W. of

Aug. 5, '09

"

"

Les Hrdlicka
Egypt.

"

"

"

"

Birdseye #31

Aug. 2, '09

"Common among nut pines

S. E. of Chin Lee, Arizona" #32

"In sand at Chin Lee, Ariz."

Bernard Mackensen Kerrville, Tex.

Aug. 10, '09.

(See letter of Aug. 10, '09)

"

"

"

"

09.241 *Mamillaria*
heyderi 2.

09.242 *Mamillaria vivipara* 9307
1

09.243 *Echinocereus fendleri*
1

09.244 *Dudleya laxa* 1-died 9308
1

09.245 *Opuntia* 9309
1

09.246 *Opuntia*
1

09.247 *Opuntia* (seedling)
1

09.248 *Echinocactus simpsoni* Engelm.
1

09.249 *Echinocactus simpsoni* Engelm.
1

09.250 *Opuntia* (small seedling)
1 sp. ded

09.251 *Echinocereus* Dead
Ex. Ras

Bernard Mackensen
Texas Aug. 10, '09.

C. Birdseye #33 Aug. 1, '09
"Pine woods 12 miles N.W. of
Fort Defiance, Arizona."

Birdseye #30 Aug. 2, '09
S.E. of Chin Lee, Arizona

D. T. MacDougal Monterey Co.,
Mouth of Carmel R., Cal. Aug. 8, '09

A. C. Garrett. Fish Creek, western part July 27, '09
of Sevier Co., Utah. #2527
#2528

#2529

#2530

#2530^a

#2581

#2582

09.252 *Opuntia* 9310

1

"Collected by R. K. Beattie at request of C. V. Piper on Waldron Island, San Juan Co., Washington." Aug. '09

09.253 *Hylocereus**

3

E. D. Merrill, Manila, P.I.

Aug. '09

09.254 *Rhipsalis cassytha*

1

09.255 *Hylocereus triangularis*

1

09.256 *Phyllocactus*
Epiphyllum Gaillardae

1

Mrs. D. D. Gaillard
Canal Zone

Aug. 6, '09

09.257 *Opuntia ballii* Rose

2

C. R. Ball, Pecos, Texas
#1506

Aug. 16, '09

09.258 *Opuntia kuntzii* Rose

1

Dr. Carl Lindeholz, Brownell, Pima Co., Arizona, Aug. '09

09.259 *Anacardium* (seeds)
(Seed died 11/09)

3

Dr. G. B. Wilcox
Mexico

Aug. '09

09.260 (Seed died 10/6/09)

3

"

"

09.261 Echinocereus

09.262 Opuntia

09.263 Opuntia clavata Engelm

09.264 Opuntia arborescens Engelm

09.265 Opuntia mackenzii
destr.

09.266 Mamillaria missouriensis

09.267 (Seeds did not germinate because (3 sent to greenhouse) punctured)

09.268 Opuntia polycantha

09.269 Opuntia polycantha

Elmer Stearns, El Paso, Texas

Aug. '09

"

"

E. A. Goldman, New Mexico

#1634

Socorro, N. M.

Aug. 17, '09

" #1635

"

Kerrville, Texas

B. Mackensen

Aug. '09

V. Bailey, Montana, Helena

Aug. 18, 1909.

San Pablo, Canal Zone

Aug. 13, '09.

V. Bailey, Dubois, Idaho.

Aug. 22, '09.

"Abundant all over the Snake R. region plains of southern Idaho in the Upper Sonoran zone"

V. Bailey, Dillon, Montana

Aug. 24, '09

09.270 Echinocereus

1

09.271 Echinocereus stramineus Engelm.

1

09.272 Mamillaria gobsiana Haage

1

09.273 Echinocereus stramineus Engelm.

1

09.274 " caespitosa

1

09.275 Echinocactus texensis

1

09.276 Echinocactus simpsoni

1

09.277 Echinocereus viridiflorus

5

09.278 Villadia imbricata Rose
(not Sedum)

1

E. A. Goldman. N. Mexico
#1643. 10 mi. N.E. of Socorro, N.M.

Aug. 19, '09.

Dr. P. E. Kunze, Phoenix, Arizona
In cult.

Aug. 28, '09

" " "

C. R. Ball & P. D. Swift #1553
10 mi. S.E. of Christoval, Texas.
#1554. " " " 6 mi.

Aug. 26, '09

#1552 10 mi. N.W. of St. Mikavett,
Menard Co. Texas.

A. O. Garrett #2582^a
Fish Creek, Sevier Co., Utah.

Aug. 30, '09

New Mexico. Cimarron. C. N. Ainslie Sept. '09.

C. Conzatti
Mexico, Las Lajas, Oaxaca

Sept. '09

09.279 Villadia laevis Rose

09.280 Echeveria pubescens Hook.
(Not Sedum) ^{all dead}

09.281 Mamillaria retusa?

09.282 Mamillaria meiacantha

09.283 Echinocereus

09.284 Sedum
Died Nov. 1, '09.

09.285 Opuntia

09.286 Mamillaria
Dead + destroyed

09.287 Opuntia basilaris Engelm.
(no spines)

09.288 Opuntia
(long spines)

09.289 Opuntia

Mexico, Las Sedas, Oaxaca.
C. Conzatti (with 09.278)
Cerro San Felipe, Oaxaca.

Alturas de Huitzo, Oaxaca.

New Mexico, Magdalena Mts.
E. A. Goldman #1699 6200 ft.

" Socorro Mts. #1650
5500 ft.

" Magdalena Mts. #1698
Copper Cañon, 10000 ft.
Socorro Mts. #1649

Magdalena Mts.
#1700

Arizona - Lee's Ferry - E. W. Nelson.
(South side)

"
Buckskin Mts, North end.

Sept. '09

'08

Sept. 5, '09

Aug. 26, '09

Sept. 4, '09

Aug 26, '09

Sept. 5, '09

Aug 26, '09

Aug. 31, '09

09.290 Echinocereus engelmanni

9348

09.291 Echinocactus

09.292 Echinocactus

09.293 Opuntia macrocentra

9350

09.294 Echinocereus chloranthus
1 sp. det.

09.295 Opuntia arborescens ^{umbucata DC}

09.296 Echinocactus

09.297 Echinocereus

09.298 Echinocactus horizontalis

Dead & preserved
09.299 Opuntia

09.300 Opuntia

09.301 Mamillaria mesiantha

Arizona - Lees Ferry - E. W. Nelson

(North side

" House Rock Valley

" Lees Ferry - E. W. Nelson

(North side)

Aug. 26, '09

Aug. 30, '09

Aug. 26, '09

Texas - Alpine. B. Mackensen #3 Sept. '09.

#9

Dist. 1.1

#4

#8

#7

#6

#1

#2

#5

09.302 Echinocereus

09.303 Mamillaria

09.304 Opuntia

09.305 Opuntia
1 destr.

09.306 Laciniaria

09.307 Opuntia ballii Rose?
1 destr.

09.308 Opuntia

09.309 Opuntia davisii Engelm.

09.310 Opuntia bushii Rose

Texas, San Antonio. B. Mackensen

Texas. 3 mi. S.W. of Merkel
C.R. Ball. #1555

Indiana Hammond. E.S. Steel

Texas - Big Springs. ^{Loraine} C.R. Ball
#1557
#1558

#1559

Missouri - E.J. Palmer
Neck City, Jasper Co.

Sept. 13, '09

Sept. 16, '09.

Sept. 15, '09

Sept. 17, '09.

09.311 *Opuntia leptocarpa*

09.312 *Opuntia ferruginispina* L.H.B.

09.313 *Opuntia texana*

09.314 *Opuntia lindheimeri*

09.315 *Echinocereus*

09.316 *Opuntia*
§ *Platyph.*

09.317 *Opuntia*

09.318 *Opuntia*
Ded.

09.319 *Echinocactus texensis*
1 destr.

09.320 *Opuntia cymochila*

Texas, San Antonio
B. Mackensen.

Sept. 15, '09

New Mexico. Cimarron,
C. N. Ainslie

Sept. 09.

North Carolina Church's Id.
W. R. McAttee.

Sept. 6, '09.

Texas - Bet. Big Spring & Lamesa
C. R. Ball # 1560

Sept. 15, '09

#1561

- | | | | | | |
|--------|--|----|------|---|----------------|
| 09.321 | <i>Opuntia</i> | 2. | 9366 | Texas - Plainview
C.R. Ball #1562 | Sept. 16, '09. |
| 09.322 | <i>Opuntia</i> | 1 | 9367 | Alabama. West of Montgomery
J.E. Lloyd | Sept. 21, '09 |
| 09.323 | <i>Phyllocactus</i>
<i>Epiphyllum crenatum</i> | 1 | ✓ | From Harry Bullen.
In cultivation | June 1909 |
| 09.324 | <i>Erythrina</i> | 9° | 9375 | Canal Zone, Empire, I.D. Gaillard
= 09.87 3 seeds. | Sept. 18, '09. |
| 09.325 | <i>Mucuna</i> | | | "A" "ojo de venado" (See letter of 9/18/09)
"Vine growing in low ground" 2 seeds | |
| 09.326 | <i>Entada mucuna?</i>
(Dead, Nov. 09) | | | "B" "Entada" 2 seeds
"also from vine in low ground" | |
| 09.327 | <i>Anacardium</i> | | | "C" "Marañon" or "cashew" 2 seeds | |
| 09.328 | <i>Echinocereus pectinatus?</i> | 1 | 9376 | Texas. Dalhart, Q.
C.R. Ball 1571. (See letter of 9-27-09) | Sept. 24, '09 |
| 09.329 | <i>Opuntia macrochiza</i> | | 9378 | Missouri, Joplin, Jasper Co.
E.G. Palmer. | Sept. 27, '09. |

09.330. *Mamillaria grahami* 1 9379

09.331 *Opuntia fragilis* 3. 9380

09.332. *Opuntia* 1 ded. 5 9381

09.333 *Echinocactus setispinus?* 1 9377

09.334 *Opuntia* 1

09.335 *Echinocereus rigidissimus* Rose 2

09.336 *Mamillaria recurvatus* Engelm. 1

09.337 *Nopalea* 2

09.338 *Hylocereus* = 09.255

09.339 ~~*Phyllocactus*~~ *Epiphyllum Gaillardiae* Britton & Rose dead = 09.256.

Arizona. Bright Angel Cañon Sept. 14, '09.
E. W. Nelson #130

Utah - Near Salt Lake City. Sept. 26, '09.
A. O. Garrett "sandy soil"
#2642

Missouri. Springfield Sept. '09.
Miss Nellie Standley b21

Kansas. Leoti. (See letter of 9-30-09) Sept. 29, '09.
C. R. Ball #1576
#1577

Dr. Carl Lumboltz Sept. '09.

Canal Zone. "See letter of 9/29/09". Sept. 29, '09
Mrs. D. D. Gaillard #1
Tobago I., Pacific O. #2

#38#6.

09.340

09.341

09.342 *Opuntia*

4

9384

09.343 *Opuntia*

2

9385

09.344 *Opuntia*

2

09.345. *Opuntia*

1

9389

09.346. *Opuntia arborescens*

1

09.347 *Opuntia trichophora*

Dead 11/29/09 See box

1

09.348. *Mamillaria*

1

09.349 *Echinocactus*

1 destr

1

Canal Zone. Mrs. D.D. Gaillard.

Sept. 29, '09.

Missouri - Near Webb City, Jasper Co.
Ernest J. Palmer #2801.

Oct. 1, 1909

Kansas - Latin

C.R. Ball #1578

Sept. 30, '09

#1579

New Mexico. San Mateo Mts.
E.A. Goldman #1723

Sept. 22, '09.

#1722

San Augustine Plain.
#1718

Sept. 18, '09

#1719

Sept. 19, '09.

With #1719

09.350 *Opuntia* 9390

09.351 *Opuntia* ~~Dead~~

09.352 *Opuntia* 9391

09.353. *Sedum* 9392

09.354 *Cephalocereus delavayi* 9394

09.355 *Opuntia* 9395

09.356 *Opuntia*
arborescent 1

09.357 *Opuntia* 9396

Kansas; Dodge City.
C.R. Ball #1581

#1582

Oct. 2, '09.

Utah; Salt Lake Co.
A.C. Garrett #2643

Oct. 2, '09

Arizona: Sta. Catalina mts.
D.T. MacDougal

Sept. 26, '09.

Belgium, Contich. Fraux de Laet

Sept. 18, 1909.

Utah. Old Ft. Pierce, 12 m. E. of St. George. Oct. 3, '09.
E.W. Nelson #155

#154

Arkansas, Fulton
B.F. Bush.

Oct. 6, '09.

09.358	Opuntia			"Seedlings found in pot of 08.173, but not necessarily belonging to that number"	Oct. 9, 1909
09.359	Opuntia			Ditto for seedling in 08.178	
09.360	Opuntia	Dead	9394	New Mexico, Nara Visa (See letter of 10-7-09) C.R. Ball #1583	Oct. 7, 1909.
09.361	Opuntia	2		#1584	
09.362	Opuntia	2		#1585	
09.363	Opuntia	1	9400	Kansas, Mineola. J.M. Westgate.	Oct. 6, '09.
09.364	Opuntia	1	9403	Utah Probably St. George E.W. Nelson #156	Oct. '09.
09.365	Opuntia rutilis	1		#157	
09.366	Mamillaria chlorantha	1		#158	
09.367	Echinocereus engelmanni	Dead & destroyed	2. 9404 RAB	#159	
09.368	Opuntia	1	9407	Missouri, Noel, B.F. Bush. (See letter of 10-9-05)	Oct. 9, '09.

09.369 *Opuntia rutilis*
1 destr. IHB. 9403

09.370 *Opuntia* 9404

2.

09.371 *Opuntia*

1

09.372 *Opuntia*

1

09.373 *Opuntia*
Ded. & dest.

1

09.374 *Opuntia*

2

09.375 *Opuntia*

2

09.376 *Opuntia*

2

09.377 *Opuntia*

09.378 *Opuntia*

09.379 *Opuntia*
1 spec. destroyed

Utah St. George. Oct. 09
E. W. Nelson #157

Texas.

C. R. Ball #1501

"Large pads, slender fruit, lat. 2
to 3 equal spines"

#1502 (Same note as #1501)

#1503 (Same note as #1501)

#1504 "Stouter and riper fruit,
smaller pads, 1 larger spine"

#1505 (Same note as 1504)

#1506 (Same note as 1504)

#1566

#1567 "Shorter white spines, ripe fruit"

#1568 (Same as 1567)

#1569 "Short white spines"

09.380 *Opuntia*

09.381 *Mamillaria*

09.382 "

09.383 " *pycnacantha* Mart.

09.384 " *polyedra* Mart.

09.385 *Mamillaria*

09.386 *Echinocereus polycanthus* Engelm.

09.387 " *chloranthus* Engelm.

09.388 " *fendleri* Engelm.

09.389 *Opuntia*
1 destr.

09.390 *Opuntia*

dead

9407

9407

9408

9410

C. R. Ball # 1570

Aug. 12, '09.

Mexico; Oaxaca [On the Monteban Road, District of Nochixtlan, between Rancho Nopalera and Huizro, Oax.]
C. Conzatti. Recd. 10/15/09.

Mexico. Oaxaca.

C. Conzatti

Recd. Oct. 16, '09.

New Mexico. San Mateo Pk.

E. A. Goldman # 1749

1750

1751

Missouri, Webb City, Jasper Co.

E. J. Palmer

6

7

Oct. 5, 1909

Oct. 12, '09.

09.391 *Opuntia pulchella* 1 9411

09.392 *Echinocereus viridiflorus* 1 9412

09.393 *Opuntia* 1

09.394 *Opuntia*
1 destr.

09.395 *Opuntia* 2 9419

09.396 *Opuntia* 2

09.397 *Yucca* 1

09.398 *Mamillaria karwinskiana* 4 9413

09.399 *Mamillaria*

09.400 "Lowland Hog Peanut" 9419

09.401 "Select Hog-Peanut"

Nevada Fallon. Oct. 12, 1909
F. B. Headley. [See letter of 10/12/09]

New Mexico, Cimarron. Oct. 14, 1909
C. N. Anslee

New Mexico, Silver City. Oct. 9, '09.
J. A. Pearson

Mexico. Oaxaca. Oct. '09.
C. Couzatti

Indiana: Plymouth. Edge of marsh Oct. 18, '09
along railroad. H. W. Clark.
St. Wayne: Edge of river bottom along
feeder Canal Oct. 18, '09.

09.402

"Upland Hog-peanut"

09.403 *Phyllocactus hookeri*

4.

9420

Indiana: Plymouth. Horstmeier's Woods. Oct. 17, '09
 "In dry woods - scanty in fruit.
 bears white flowers."

09.404 *Selaginella Bigelovii* Lind.

9421

West Indies: Tobago. ~~Charlotte~~ Villa Sept. 18, '09.
 W. E. Broadway.

09.405 *Opuntia*
 & *Platyop*

1

9422

California: cultivated at Natural City,
 San Diego Co., by Miss Laura T. Kimball;
 (transplanted there from Mission Dam in
 February 1907). W. Kim.

09.406 *Opuntia*

1

New Mexico: Fairview
 E. A. Goldman #1781

#1782.

09.407 *Dudleya farinosa*
 fl. cream color

3

9423

California - Carmel Bay, rock crevice Aug. 17-19, '09.
 along shore. Letroy Abrams #4268

09.408 *Dudleya*
 fl. yellow

1

- Carmel Bay, bluffs along
 sea-shore #4269 Aug. 17, '09.

09.409 *Dudleya* *Helleri*?
 fl. yellow

2.

Near Carmel on cañon slopes.
 #4270 Aug. 17, '09

09.410 *Dudleya*

1

Pecadero bluffs along shore
 #4272 Aug. 2, '09

09.411 Dudleya
Dest. Destr. 1 4428

09.412 Sedum ? 1

09.413 Opuntia
p. destr. 5 9423

09.414 Pereskia panamensis Weber.
Two seedlings 1 9433

09.415 Orchid 1

09.416 Orchid 1

09.417 "Epiphyllum violacea"
L.A. Banger 1

09.418

California - Pescadero, sea-bluffs, Aug. 2, '09
with 4272, and flowers very
similar. L. P. Abrams #4273

California - Red Mt., near Blue Rock. July 29, '09.
Northern boundary of Men-
docino Co. J. McMurphy #741

New Mexico: Cimarron "nearer Fort Oct. '09.
Hill than 09.394" Stud. 1
C. N. Ainslee.

Panama: Oct. '09
Mrs. D. D. Gaillard

Porto Rico Oct. 27, '09
Mr. Hess.
[Sent to Mr. Kletsch.]

Botanical Gardens, Wash., D. C. Nov. 2, '09.

09.418 *Opuntia macrocentra*

9437

New Mexico, Las Palomas. 4200 ft.
E. R. Goldman #1801

Oct. 28, '09

09.419 *Opuntia cycloides?*

#1802

09.420 *Echinocactus intertextus*

9437

N. Mexico, Hillsboro. 5200 ft.
E. A. Goldman #1808

Oct. 31, '09

09.421 *Mamillaria*

5200 ft.

#1809

09.422 *Rhipsalis*

9436

Sent to greenhouse by Mrs.
G. M. Wolfe, Forest Glen, Md.

Nov. 5, '09

09.423 *Sedum sieboldii*
1 detri.

2

09.424 *Villadia imbricata* Rose

9442

Mexico - Coxeatlán.

Dec. 11, '09

C. A. Purpus #23

09.425 *Sedum cupressoides* Hemsl.

3

09.426 *Echeveria gracilis* Rose sub.
~~Sedum~~ nsp.
Sotograft.

3

#35

2

#24

09.427 *Palcata comosa*
"Hog-peanut" Dead 1910

Indiana, Ft. Wayne. North side of Feeder Canal
H. W. Clarke

Oct. 20, '09

09.428 *Mamillaria*

9443

Mexico, Oaxaca, Cerro San Felipe.
C. Conzatti

09.429 *Phytelephas macrocarpa*
"Ivory Palm Nut"

9444

Panama

Col. D. D. Gaillard

09.430 *Guilielma speciosa* v. Mart.
"Thornless Piva Palm"

09.431 *Guilielma utilis* Oerst.
"Thorny Piva Palm"

09.432 *Elaeis melanococca* Gaertn.
"Corozo Palm"

09.433 *Astrocaryum*
"Black Palm, Thorny (Espinosa)"

09.434 *Opuntia*
Dendrodes. 1 destr.

9440

Utah, Salt Lake City
A. J. Garrett

Nov. 09

09.435 *Opuntia cyclodes*

9454

N. Mexico Hillsboro
E. A. Goldman #1827

Nov. 09

09.436 *Echinocereus coccineus*

#1828

~~09.437~~ *Epiphyllum truncatum*
Zygocactus truncatus 1
L.H.B.

A. Berger

Sent to Green-house by Col. Edward
A. Mosely. Nov. 1909

09.438 *Clematis paniculata*

2

✓

09.439 *Sedum*

1 ded

1

9455

09.440 *Polakowskia tacaco* Pittier

4

9458

09.441 *Polakowskia tacaco* Pittier

2

09.442 *Attalea*

11

09.443 *Acrocomia vivifera*

2

09.444 *Acanthorhiza*

(warcewiczii Wend.?)

10

09.445 *Micranpeliis lobata* (Michx.) Greene.?
(Seeds sent to greenhouse)

9459

09.446 *Opuntia*
1 destr.

From brick wall of Green-houses at
14th St. & B., N.W., Washington, D.C.

Nov. 18, '09.

Mexico, Cerro de Chicomole
C. A. Purpus,

Nov. 11, '09.

Costa Rica, San Francisco de Gua-
dalupe, near San José. Cult-
ivated. Coll. by Tonder,
"Like 09.440, but no fiber"

Nov. '09.

9456 Canal Zone, Culebra (See letter of 11/2/09)
Mrs. D. D. Gaillard

Nov. 2, '09.

Maryland, Cecil Co., Arken.
J. Ford Sempers.

Aug. 4, 1909

Washington, Natchez City,
J. H. Freeman

09.447 *Selenicereus*

09.448. "

09.449. " *brevispinus* B.R.

09.450. "

09.451. " *insulapinus*

09.452. "

09.453. "

09.454 *Harrisia*

09.455 *Opuntia*

09.456 *Nopalea*

09.457 *Selenicereus*

09.458 *Selenicereus*
Dendrodes.

9457

Cuba

Cayo Paloma

Shafer #2597

W.B. 31700

Cayo Calabasa

Shafer #2663

" 31701

Cayo Romano

Shafer #2811

" 31702

Cayo Laguna

Shafer #2672

" 31703

Cayo Romano, Lomo del Oro.

Shafer #2653

" 31704

Cayo Romano, alto del Aji.

Shafer #2809

" 31705

Cayo Laguna

Shafer #2675

" 31706

Cayo Romano, alto del Aji.

Shafer #2810

" 31707

Cayo Paredon Grande

Shafer #2578

" 31708

Cayo Coco

Shafer #2699

" 31709

Cayo Laguna

Shafer #2674

" 31719

Cayo Paloma

Shafer 2597A

" 31720

1909

09.459 *Mamillaria macdougalii* n. sp. 9460
spec. in box *Dead & preserved* 8

09.460 *Opuntia* 9461
2.

09.461 *Opuntia arbuscula* 4462

09.462 " *fragilis* 1
Ded. & dest. 2

09.463 " *fulgida* 1

09.464 " *spinosa* *dead* 1

09.465 " *versicolor* 1

09.466 *Echinocereus* 1

09.467 *Mamillaria grahami* 2

09.468 " " 3
Ded. & dest.

09.469 *Opuntia arborescens* 2

Arizona, Sta. Catalina Mts. Nov. 1909
D. T. MacDougal

North Carolina, Church's Island. Nov. 24, '09.
W. L. Meade

Arizona, Tucson May, '09.

Flagstaff. " "

Tucson. " "

" " "

" " "

Flagstaff, June 12, '09
F. C. Pratt

New Mexico, Deming. May, '09
F. C. Pratt

Deming " "

" " "

09.470 Echinocactus intertextus

2

09.471 Echinocereus fendleri

2

09.472 Echinocactus wislizenii

1

09.473 Opuntia clavata

1

09.474 Opuntia

2

09.475 " arborescens

2

09.476 Opuntia

1

09.477 " clavata

3

09.478 Opuntia *dead*

2

09.479 " arborescens

1

Ded.
09.480 Opuntia

2

09.481 " arborescens

1

9462

New Mexico, Deming.

May, 1909.

"

"

"

"

Santa Fe'

"

"

" 23

"

" 23

"

" 23

Albuquerque

June 1909

"

"

"

"

"

"

Texas, El Paso

Aug. 1908

09.482 Echinocereus

946

Texas, Cotulla

Mar. '09

09.483 Echinocactus setispinus

/

Brownsville

"

09.484 " horizontalis

/

El Paso

May 12, '09

09.485 " setispinus

/

Hondo

09.486 Opuntia
& Cylindropuntia

/

J.D. Mitchell
Chisos Mts.

09.487 Opuntia polyacarpa

946

Utah, S.W. of Hamblin, Nev.
C. Birdseye

Nov. 8, 1909

09.488 Mamillaria vivifera
Ped

/

09.489 Pereskia

946

Mexico, Mirador.

09.490 ~~Crassula~~ Sedum conzattii Rose

/

C.A. Purpus.

09.491 Echinocactus grandicornis

/

" Cerro de Saviola

09.492 Echinocactus
dead of fungus

/

C.A. Purpus.
" Tlamicoltepec

"

- 09.493 Mamillaria 2
 09.494 " Frohartii dead & preserved 2
 09.495 " " ? dead & preserved 23
 09.496 Mamillaria 3
 09.497 Mamillaria tenampensis 1
 09.498 Mamillaria 2
 09.499 Cereus mixtecensis 5
 09.500 Cereus Moraffii 2
 09.501 Cephalocereus sartorianus 3
 09.502 Cereus schenckii
 09.503 Pilocereus polylophus
 Cephalocereus
 09.504 Epiphyllum russellianum Dead 1

Mexico, Tlamicoltepec
 C. A. Purpus.
 " On rocks
 Zapotitlan
 Barranca de Tenampa.
 Rio de Santa Luica, Puebla.
 "Chichibe", San Luis Tultlanapa.
 "Chente" San Luis, Oaxaca.
 Palmilla
 "Garambullo", San Luis, Oax.
 Palmilla.

Given by Mr. Howard, 1366 N. Car. Ave., N.E.
 Washington, D.C.

09.505 *Crassula* 9469
Dead 1

09.506 *Sedum* 2

09.507 *Echinocactus horizontalis* 9470 1

09.508 *Echinocereus stramineus* 1

09.509 *Echinocereus polyacanthus* 1

09.510 *Pereskia panamensis* 9471 3

09.511 *Euphorbia* 2

09.512 *Ananas macrodontes* Morren? 9472 1

09.513 *Cereus lemairei* 9472 1

09.514 " *napoleusis* 1

09.515 " *ocampensis* 1

Mexico, Cerro de Chicamole,
C. A. Purpus

9-10000 ft.

New Mexico, Las Cruces
E. A. Goldman #1847

#1848

#1849

Nov. 24, 09

Panama
Mrs. D. D. Gaillard
Costa Rica "

Nov. 09

Mexico, Vera Cruz, Minatitlan.
Mexico Commercial Co.

May 17, 01.

England, Kew, Royal Botanic Gardens. Nov. 24, 09

09.516 *Cereus triangularis* 2 9472

09.517 *Epiphyllum delicatum* 1

09.518 *Mamillaria* 2 9473

09.519 *Hylocereus* 4 9477

09.520 *Mamillaria* 1

09.521 *Opuntia* 1 9483

09.522 *Cereus peruvianus*
breaking long & slender cactus but
containing red & white

09.523 ~~*Hylocereus triangularis*~~
Hylocereus Schavrei

England, Kew, Royal Bot. Gard. Nov. 24, '09.

Cuba, Shafer 2946

Haiti, Santo Domingo, near Macoris Dec. 10, 1909
H. Taylor #203

Mexico, Oaxaca, Etla. Dec. 5, 1909.
C. Conzatti.

Arizona, Tucson Dec. 12, '09
Herbert Brown

West Indies, Tobago, W.E. Broadway Dec. 2, '09
"Apparently wild on the island,
grows tall, erect, and branching.
Have not seen flowers"
"Wild on shrubs and trees,
flowers not yet seen."

09.524 Echinocactus setispinus

1

09.525 Mamillaria

1

09.526 Lophophora

1

09.527 Mamillaria heyderi

1

09.528 Mamillaria texana

2

09.529 Nopalea

3

09.530 Pereskia bleo

1

09.531 Pereskia amapola dead

1

09.532 Phyllocactus latifrons

1

09.533 Iberivillea Lindheimeri

9485

Texas, Laredo
B. Mackensen

Dec. 18, '09

" "

" "

12 mi. S. of San Antonio
Laredo.

9487

South Carolina; Santee
W. L. Mc Atee

Dec. 20, '09

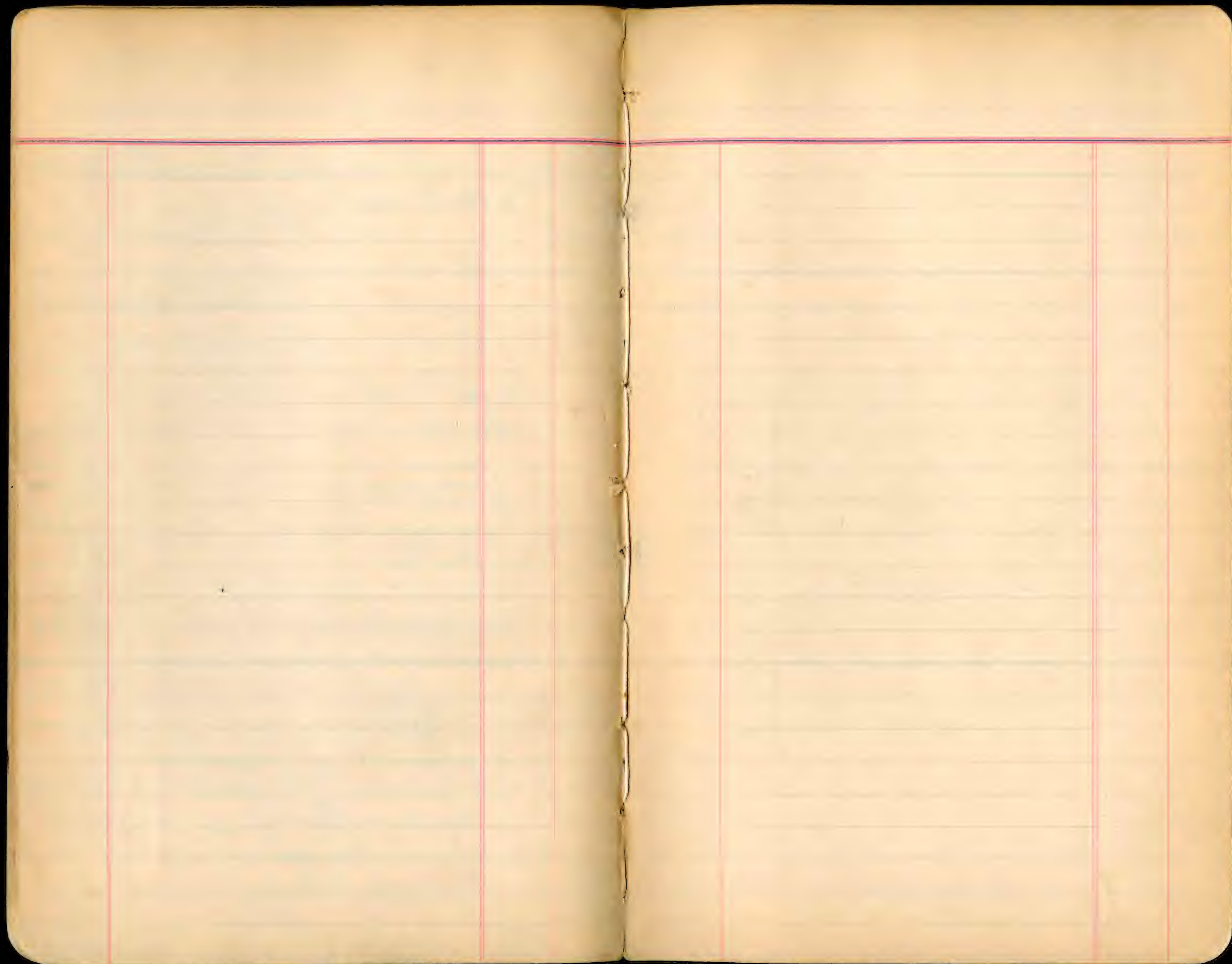
9493

New York Botanical Garden.
NYB.G.#12027 Britton & Howell #347

NYB.G.#16892 "Mr. Weinberg 1903"

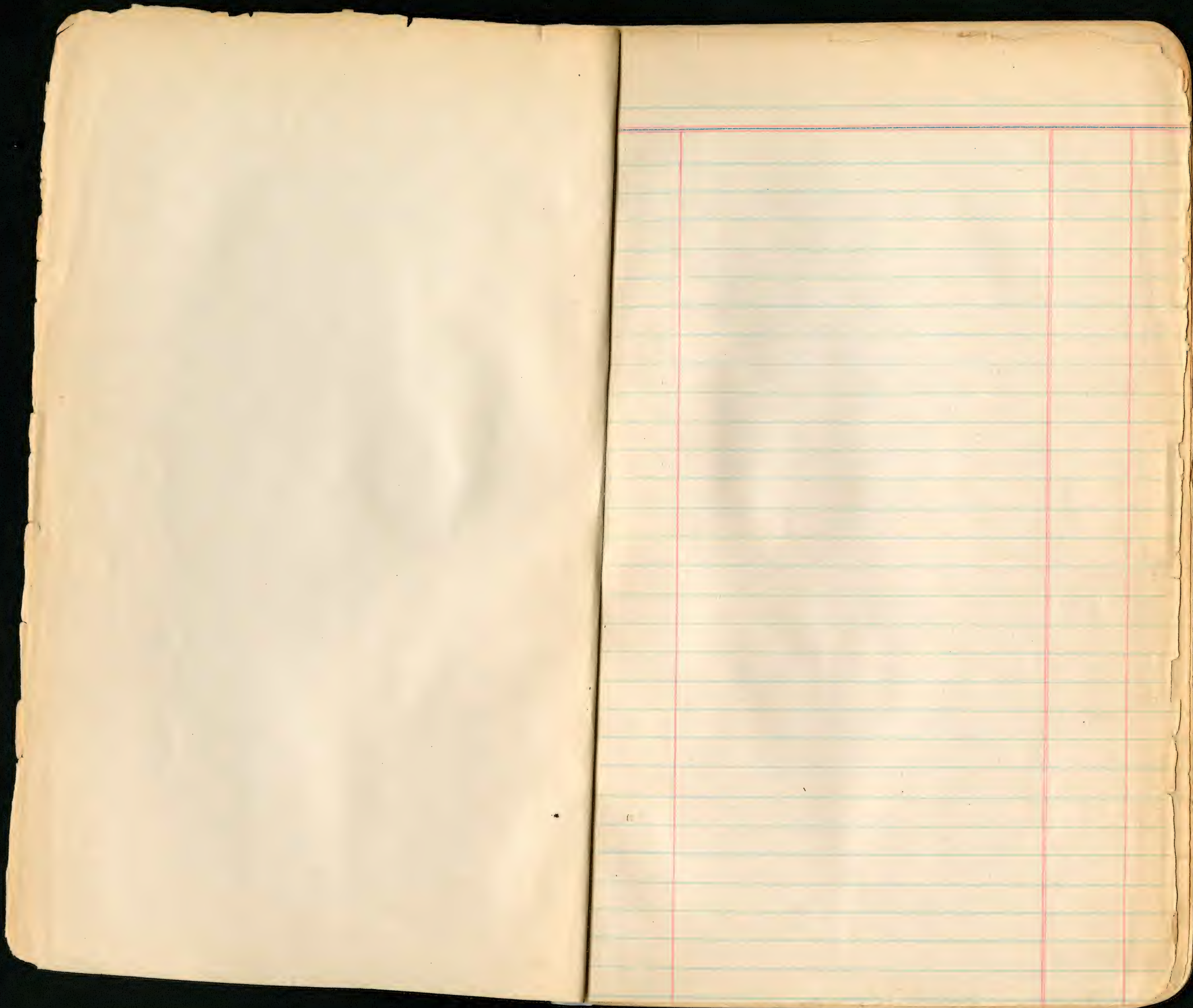
Agr. Dept. Green-house, Mr. Fraile.

Texas, Brownsville.
Economic Herbarium #36.



U. S. National Herbarium.

1910.



1910.

Cat. No.

10.1 *Hylocereus [trigonus]*
perhaps "*Lemairei*"

1

10.2 *Pterocactus kuntzei*

1

10.3 *Pereskia amapole*

3

10.4 " *rotundifolia*

1

10.5 *Opuntia poeppigii*

1

10.6 *Cereus*

1

Dead-1

10.7 "

1

10.8 "

1

10.9 *Opuntia spegazzinii*

2

10.10 *Cotyledon*

4

10.11 *Echinocactus*

1

10.12 *Cereus corine*

1

10.13 *Aloe rosei glauca* x *brevifolia*

1

10.14 *Cereus baumannii* dead

1

1910

Uruguay

Jan. 1910

Frank Weinberg.
Long Island, Woodside. In cultivation

"

"

"

"

"

"

"

"

"

"

"

"

"

"

California, Pasadena

Long Island, Woodside. In cultivation.

South America, Argentina

Long Island, Woodside. In cultivation.

South America, Argentina.

10.15 Dudleya
Ded
10.16 Cereus

10.17 Cereus 2

10.18 Opuntia pes-capri Lelonte 2

10.19 Cereus urbianus

10.20 Cereus Hylocereus Lemairei 2

10.21 Cephalocereus 5
Ded-1

10.22 Sedum aureum

10.23 Cereus 2

10.24 Opuntia 2

10.25 Opuntia 3
destr.

10.26 Mamillaria radiosa 1

Long Island, Woodside. In cultivation Jan. 1910.
Frank Weinberg
Mexico, Oaxaca.

Mexico, Barrauca de Coxeatlan, Puebla.
C. A. Purpus

Florida, St. Vincent Id. Jan. 11, 1910
W. L. McAttee

Germany, Königl. Bot. Gart. Jan. 11, '10.

West Indies, Tobago, Scarborough.
W. E. Broadway
" "

New Jersey, Camden. In cultivation Jan. 22, 1910
D. M. Saintourens
" "

" "

New Mexico, Placitas. 8000 ft. elevation Jan. 21, 1910
Charlotte Ellis
" "

10.27 *Urbinia purpusi* ^{flowered May 1910} 1 head destroyed

10.28 *Thompsonella minutiflora* 1

10.29 *Echeveria setosa* ^{flowered Aug 1911} 1

10.30 *" attenuata* ^{Ded, Ded} 2

" ^{Ded} 1

10.31 *Nopalea n.sp.* 3

10.32 *Opuntia* 2

10.33 *"* 2

10.34 *Acanthocereus* 2

10.35 *Cereus* ^{Semmaria} 5

10.36 *Hylocereus* 2

4

10.37 *Parmentiera cereifera*

10.38 *Heliocharpus arborescens*

(see next page)

Mexico

J. A. Purpus

Mexico near Tampico
Dr. E. Palmer "A"

Feb. 1910.

(See cards for further data) "B"

"C"

"D"

"E"

"F"

Panama, Mrs. D. D. Gaillard

Feb. 1910

10.39 "Water lily" (7 plants)
10.40 Opuntia (3 joints)
"Undoubtedly a cultivated form."

10.41 ^{Hylo} Cereus (4 pieces)
"seen frequently in large heavy-
looking bunches in the crotches of
trees where its branches act for
support." - E. Palmer, in litt, 28 Feb. 1910.

10.42 Echinoc. ^{Dead specimen} 2 plants
10.43 Opuntia (Platyop.) 1 joint

10.44 Opuntia (Platyop.) 3 specimens

10.45 Cereus (1 plant in 2 pieces)

10.46 Echinoc. large bushy form with destr. (4 plants)

10.47 Echinoc. (1 plant)

10.48 Mammillaria heyderi (1 plant)

10.49 Mammillaria (2 plants)

10.50 Echinocereus (2 large plants)

Mexico: near Tampico. Feb. 1910
Dr. E. Palmer # "G."
" # "H."

" " "I."

Texas Lloyd, F. E. # 1. Escondido Creek, near
(See list) Tuna Springs
Feb. 26-28, 1910.

" # 2

" # 3

" # 4

" # 5

" # 6

* " # 7

* " # 8

* " # 9

10.51 *Mamillaria micromeris greggii* (7 plants)

10.52 *Mamillaria* (10 plants)

10.53 *Opuntia* (Platyph.) (2 pieces of 2 joints each)

10.54 *Mam.*? (1 plant)

10.55 *Echinoc.* (2 plants)

10.56 *Mam.*? (3 plants)

10.57 *Mamillaria* (1 plant)

10.58 *Opuntia*? (3 plants)

10.59 *Opuntia tracyi* Britton 9554
1 dead destroyed

10.60 *Mamillaria* 9555
(scabrous, 3 plants together)

10.61 *Echinocact.* 1 dead destroyed
(1 plant)

10.62 *Opuntia*
1 dead (1 plant, juvenile)

10.63 *Mamillaria*
(1 plant, dead?)

10.64 *Frazeria Neobacaria*
" (Flowered at My Bot. Garden
April, 1910. Flowers rose-purple). " Wash

F. E. Lloyd #10. Said by Lloyd to
be "a genuine state of no. 8."
Lloyd #11

" #12

" 13

" 17

" 19

#20

#21

Mississippi: Biloxi (sandy beach, 50 yds.
from the Gulf. S. M. Tracy, Mich. 1910.
Texas: Sweetwater? Mrs. John T. Parsh,
Mich. 1910.

Mexico. B. Palmer.
(Received back from New York
Bot. Garden. This Rose 07/213.)

- Collected
- 10.65 *Manillaria* (no. 1) 9574
1 specimen
- 10.66 *Manillaria* (no. 2) "
1 specimen
- 10.67 *Manillaria* (no. 3) "
1 specimen
- 10.68 *Manillaria* (no. 4) "
1 specimen
-
- 10.69 *Gossypium* 9587
(an island cotton)
-
- 10.70 *Opuntia* 9588
with very long spines
-
- 10.71 *Echinocereus* (2 plants) 9589
-
- 10.72 *Manillaria* (plant) 9590
+ seeds
- 10.73 *Echinocereus* (1 plant)
-
- 10.74 *Opuntia* 9590
-
- 10.75 *Semairocereus* (381)
-
- 10.76 *Acanthocereus* 2 Dead
-
- 10.77 *Acanthocereus* 2 Dead
-
- 10.78 *Selenicereus* 1
-
- 10.79 *Pachyrhiza* 5
[With seeds; sent to Agr. Dept.]

Ciudad Lerdo
Mexico: Durango; ~~collected by C. Lerdo~~
(Received from Dr. R. E. Knapp
26 April 1910.)

Honduras. Sent by T. S. Chaffee

California: Inyo Co., alt. 5000 ft. (estimated)
April 24, 1910. A. Davidson + H. E. Haase

New Mexico: Sacramento Mts., Standley May 1, 1910?

" : mesas near Mesilla Park, Standley "

" : Sacramento Mts., Standley "

Arizona: 8 miles due east of Tucson. Dr. T. MacDougal May 1, 1910.

Mexico, Panuco, S.W. of Tampico Apr. 30, 1910
Dr. Ed. Palmer # 341

342

373

374

375

- 10.80 *Opuntia pulchella* 5 9595
- 10.81 *Phyllocactus*
- 10.82 *Erythrina*
"Pito"
- 10.83 "Conacaste"
- 10.84 *Papaya Carica papaya*
- 10.85 *Echinochloa colona* (L.) Link.
- 10.86 *Panicum fasciculatum* Sw.
- 10.87 *Bouteloua bromoides* Lag.
- 10.88 *Sedum alamosanum* Wats.
1 ded Br 9600
- 10.89 *Opuntia chofeyi* Rm 2 9602
- 10.90. *Opuntia fragilis* 3 9617

Nevada, 1 mi. N.E. of Fallon May 5, 1910.
J.B. Headley

Green-house plant, Washington, D.C.,
given to M. Traile by friends in 1909.

Guatemala, Fiscal June 2, '09
Dean, C.C.

Near Gualan
Dean, C.C.

" " June 15, '09

" #6322 " June 17, '09

" #6267 "

" #6132 Agua Caliente June 2, '09

Mexico, Sinaloa, Providencia. May 14, 1910.
Eugene A. Tays

Mexico, Jac., Mazapil May 20, 1910
E. Chaffey.

Montana, Florence. May 29, 1910.
Clarence Birdseye.

- 10.91. *Lophophora williamsii* Coult. 9618
 10.92. *Echinocactus horizonthalensis* Lem. 3
 10.93. *Ariocarpus retusus* Schied 2
 10.94. *Mamillaria elegans* P.D.C. 2
 10.95. " *radiatus* P.D.C. 2
 10.96. " *conoidea* D.C. 4
 2.

- 10.97. *Cactus similis*
 10.98. *Mamillaria texensis* 1
 5-

- 10.99. *Neowashingtonia*

- 10.100 *Jatropha*?

Mexico, Zacatecas: Hacienda de Cedros, Marafil. May 26, '10
 E. Chaffey.

Texas, San Antonio June 3, 1910
 B. Mackensen #1
 " " #2

Mexico, Sinaloa San Blas. June 2, 1910
 "along the coast at altitude of
 from 2000-4000 ft."
 Eugene A. Hays.

Mexico, Acapulco, Tepic
 Mr. Weeks [= 14408 Rose]

10.101 *Opuntia fragilis*

9617

10.102 *Mamillaria vivipera*

10.103

1 ded

10.104

10.105 *Gamnia*

10.106 *Selenicereus*

10.107 *Hylocereus*

10.108 *Cereus variabilis*

10.109

10.110 *Orchid*

10.111 *Euphorbia*

10.112 *Yucca*

10.113 *Hechtia*

Montana, Johnson Lake, 18 mi. N. of Culbertson
Preble, E. A.

Mexico, Tampico
Dr. Ed. Palmer #499
#500

June 7, 1910

#501

#502

#503

#504

K

#97

10.114	<i>Echinocactus myriostigma</i>	2	9621
10.115	<i>Mamillaria</i>		
10.116	<i>Echinocactus unguispinus</i> ^{1 distr.}	3	
10.117	<i>Echinocactus bicolor</i> ^{Box spec.}	1	
10.118	" " var.	1	
10.119	<i>Echinocactus myriostigma</i>	1	
10.120	<i>Echinocactus</i>	3	

10.121	<i>Opuntia filifera</i> Web.	1	9625
--------	------------------------------	---	------

10.122	<i>Nopalea</i>	1	9627
--------	----------------	---	------

10.123			
--------	--	--	--

10.124	<i>Hylocereus</i>	3	
--------	-------------------	---	--

10.125	<i>Acanthocereus</i>	2	
--------	----------------------	---	--

Mexico, Hacienda de Cedros, Zacatecas. June 9, 1910.
Chaffey, Elwood Marzapil.

Mexico, Oaxaca, Jardin Botánico de la June, 1910.
Estacion Experimental. C. Corzatti

Mexico, Oaxaca, Jardin Botánico de la June 1910.
Estacion Experimental. C. Corzatti

Mexico, near Tampico.
Dr. E. Palmer

10.126 *Lemaireocereus stellata* 1 4628

10.127 *Opuntia* [Herbarium]
"with red flowers" 1

10.128 *Opuntia*
"with fruits" 1

10.129 *Opuntia* 3 4629

10.130 *Opuntia* 1 dead destroyed 2 4632.
= 10.89

10.131 *Mamillaria radians* 1

10.132 *Mamillaria radians* 1
dead specimen

10.133 *Mamillaria radians* 1

10.134 *Mamillaria saltillensis* 1

10.135 *Echinocactus multicoctatus* 1

10.136 *Mamillaria* 1
dead specimen

10.137 *Mamillaria* 2

10.138 *Mamillaria* 1

10.139 *Mamillaria* 1

Mexico Oaxaca, Jardin Botánico June 1910.
de las Estacion Agricola Experimental
C. Corbatti.

South Carolina, Santee Club. June 1910
L. A. Beckmann.

Mexico, Zacatecas, Mapajil. Hacienda June 27, 1910
de Cedros. E. Chaffey

10.140 Mamillaria ~~2~~

10.141 Orchid

10.142 Scilla

dead see photo & specimen - Aug 1911

10.143

1 dead

10.144 Ariocarpus retusus

9639

10.145 Mamillaria conoidea

1 destr.

10.146 Mamillaria

10.147 Opuntia leptocaulis

10.148 Mamillaria

10.149 Mamillaria

10.150 Mamillaria

10.151 Mamillaria

10.152 Echinocactus setispinus

9640

Dead & preserved

Africa Smithsonian African Expedition
Edgar A. Mearns. #1080

#1083

#1084

Mexico, Zacatecas Zuloaga Peak July 4, 1910
E. Chaffey. 9000 ft.

[From mts. above San Rafael

"

"

]

Texas, San Antonio
J. L. Lewton

July 1910

10.153 *Ariocarpus Lloydii* Rose.

4

9649

10.154 *Opuntia cereiformis*
Gyneria brachystachya (Coul.) B & R

4

10.155 *Echinocactus durangensis*

10.156 *Echinocactus unguispinus*

1

10.157 *Echinocactus* "

1

10.158 *Opuntia*

9650

10.159 *Mamillaria vivipera*

2

10.160 *Hymenocallis*

✓

10.161 *Opuntia*

9655

2

10.162 *Echeveria paniculata*

9656

1

Mexico. "C. Laredo" Durango.

E. Chaffey (see letter of Aug. 10, 1910)

Mexico, Cerro Cyprano, + Cerro de Zapataro July 13, 1910.

C. A. Purpus. Loma Blanca, near Movano #508

Cerro de Zapataro, Movano #500

Cerro de Movano, Movano #506

Colorado Wray

H. L. Shantz.

July 1910

West Indies San Dominica.
Said to have been sent by Mr. Barrett.

Montana, Jones.
M. E. Jones.

Aug. 1910

Mexico, Barranca near Parras
C. A. Purpus.

Aug. 1910

10.176 (No specimen) "

9654

Mexico, near Mexico City, D. F.
A. S. Hitchcock

Aug. 1910

Mexico - Southern border of Hacienda de
Cedros, west of Tanque Union. E. Chaffey
"Puerto de los Indios", northern
part of Hacienda
"west of San Rafael"

Aug. 8, 1910

"may be from anywhere [in state]"

"west of San Rafael"

head of person (

10.177 *Echinocactus bicolor* Dead

10.178 *Mamillaria*
[in a cluster] /

10.179 *Mamillaria* / 9652

10.180 *Mamillaria* /

10.181 *Selenicereus* /

10.182 *Selenicereus* /

10.183 *Selenicereus* /

10.184 *Selenicereus grandiflorus* 2

10.185 *Selenicereus grandiflorus* /

10.186 *Selenicereus hamatus* /

10.187 *Selenicereus* /

10.188 *Selenicereus fulvocomatus* /

10.189 *Selenicereus* /

10.190 *Selenicereus* /

Aug. 8, 1910

"on crest of San Julian Range"

3451 1901

2850 - Rose 05.423 1905

996 Cuba - J. A. Shafer #3999 1910

179 Urava Is. B. of Pan. Howe 1910.

335 Cuba, Madriga N. L. B. #770 1903

335 Cuba N. L. B. #770 1903

932 Cuba, Sant. de las Veg. C. D. Baker 1907

713 Simon 1901

107 Cuba Shafer #338 1909

351 Cuba, Alto Cedro. Earle 1903

119 Cuba C. Laguna Shafer #2074 1909.

88 Haiti Nash #1504 1905

- | | | | |
|--------|--|------|---|
| 10.191 | <i>Selenicereus murrillii</i> | 9658 | 1 |
| 10.192 | <i>Hylocereus trigonus</i> | | 1 |
| 10.193 | <i>Hylocereus calcaratus</i> | | 1 |
| 10.194 | <i>Hylocereus</i> | | 1 |
| 10.195 | <i>Werckleocereus tondusii</i> | | 1 |
| 10.196 | <i>Cereus coccineus</i> | | 1 |
| 10.197 | <i>Cereus</i> | | 1 |
| 10.198 | <i>Cereus</i> ^{on a fallen tree! <u>W. R. C.</u>} | | 1 |

- | | | | |
|--------|--|------|---|
| 10.199 | <i>Hechtia</i> | 9677 | |
| 10.200 | <i>Echinocactus unguispinus</i> | | 2 |
| 10.201 | ^{1 destr.} <i>Echinocactus bicolor?</i>
(<u>Not</u> <i>M. radians</i>) | | 5 |
| 10.202 | <i>Mamillaria radians</i> | | |
| 10.203 | <i>Echinocactus bicolor?</i> | | |
| 10.204 | <i>Mamillaria nívosa</i> | | 1 |

- | | | |
|---------------|--|------|
| Mexico #31807 | W.A. Merrill | 1910 |
| #24660 | P.R. B. & C. #796 | 1906 |
| #24956 | C.R., Cult. San José - Maxon #5 | 1906 |
| #27689 | Trinidad - Broadway | 1907 |
| #24923 | Weinberg | 1906 |
| #6095 | Simon | 1901 |
| #25034 | C.R. St. Domingo de San Mateo; alt. about 300 m.
Maxon #596 | 1906 |
| #25064 | C.R. San José, Cult. (in court, Museo Nacional)
Maxon #717 | 1906 |

Mexico Zacatecas. San Julian Camp 6500 ft Aug. 10, 1910
 Elwood Chaffey
 Cerro Blanco Pass 5500 ft.
 Torey pass, 6500 ft., near San Rafael.
 "
 "

N.Y. B. Gard. #21441

10.205

"Sea-eggs"

10.206

Ciba.

10.207

Gossypium

Dead

10.208

Lophophora

9677

3

10.209

Echinocereus viridiflorus

9678

2

10.210

Echinocereus viridiflorus

3

10.211

Mamillaria

1

10.212

Opuntia

1

10.213

Opuntia

2

10.214

Ipomea

Dead seeds

10.215

Turnera

Dead seeds.

10.216

Opuntia

Mexico, near Tampico, La Barra.

Dr. Edward Palmer

1910.

#103

"near Tampico"

#459

"island near Tampico"

Mexico, Zacatecas, Hacienda de Cedros, Mex. E. Chaffey.

Aug. 18, 1910

Texas, Amarillo.

Aug. 23, 1910

C. R. Ball # 1613

" # 1614

" # 1615

" # 1616

1617

Mexico, near Tampico.

Dr. E. Palmer

Jan. 1910

" # 1

Nevada, Fallon, 20 miles E. of, H. B. Headley.

Aug. 24, 1910

10.217 *Opuntia fragilis* 9678
2

10.218 *Opuntia*? 1

10.219 *Opuntia*
1 destr. 2

10.220 *Opuntia polyacantha* 9678.
2

10.221 *Opuntia tortuosipina*? 2

~~10.222 *Opuntia eichlamii* Rose. 9684~~
5

10.222 *Echinocactus durangensis*

10.223 *Echinocactus horizontalis*

10.224 *Mamillaria conoidea*

10.225 *Mamillaria tuberculosa*
= 10178 1 destr.

10.226. *Opuntia eichlamii* Rose 9685
5

Texas, Amarillo Aug. 31, 1910
C. R. Ball + Townsend #1660

" #1661

" #1662

Texas, Amarillo #1676
C. R. Ball

#1677

~~Guatemala~~
F. Eichlam Aug. 6, 1910.

Mexico, Zacatecas
E. Chaffey #1

#2

#3

#4

Guatemala Aug. 6, 1910.
F. Eichlam

10.227 *Opuntia fusco-atra* Engelm. 9693
^{1 det}

10.228 *Mamillaria wislmannii* Hildb.

10.229 *Mamillaria tuberculata*? 9694
^{1 destr.}

10.230 " "

10.231 *Arisocarpus lloydii*

10.232 " "

10.233 *Mamillaria*

10.234 *Echinocactus multicostratus*

10.235 " *myriostigma*

10.236 *Mamillaria greggii* ???

10.237 *Echinocactus durangensis*
Mamillaria durangensis

10.238 *Phyllocactus* 9695
3

10.239 *Harperella bulbosa* Rose sp. nov.

Texas, Altair, Colorado Co.
Miss S. L. Doubt.

Sept. 1910.

Mexico, Zacatecas, Marapil
Elwood Chaffey #16
#17

Sept. 1910

#14

#15

#11

#12

Durango, C. Lerdo. #20

" #19

" #20

South Carolina, Sumter
- D. James Winn

Oct. 3, 1910

Maryland, on Potomac R., above
Hancock. J. M. Rose Oct. 5, 1910

10.240 *Echeveria hoveyi* (Rose) 9699

10.241 *Crœcentia*
(Seeds)

10.242 *Leuchtenbergia princeps* 9700
(see Chaffey's letter of 11/3/10)

10.243 *Mamillaria saltillensis*

10.244 *Echinocactus bicolor*

10.245 *Ariocarpus lloydii*

10.246 " *kotschenbuganus*

10.247 " *lloydii* Rose

10.248 *Echinocactus durangensis*

10.249 *Ariocarpus fissuratus*

10.250. *Opuntia*

10.251 Orchid 9705

10.252 *Cereus martinii*

Missouri, St. Louis; in cultivation. Oct. 1910
A. G. Greiner

Mexico, near Tampico 1910
Dr. Edward Palmer #434

Mexico, Zacatecas, Sierra de Yaso Oct. 1910
Elwood Chaffey, #24
#21 - Plains near Fuertes Sta., Zac.

#22 Road to Torey Pass above San Rafael

#25 near San Miguel "

#26 Mazapil "

#28 near San Miguel "

#29 (= #1) " "

#27 - Northern border of Hacienda "

Illinois, Arewsville, Cars Co. Aug. 15, 1910
E. S. Steele

China, Nanking. Plants from Kihang, Fukien. 1910.
Wm. Millward

Washington Botanical Gardens. Oct. 1910.

10.253 *Cereus bonplandiana*
(large red fruits)

^{Dead} 10.254 ^{Destroyed} *Epiphyllum guatemalensis* Britton & Rose 9712

^{Pachy} 10.255 *Cereus lepidanthus* Eichlam 2.
4.

10.256 *Echeveria coccinea* ^{Dead} 1. 9714

10.257 *Mamillaria senilis* 4 9715

10.258 *Mamillaria bombycina* 4
2

10.259 *Echeveria imbricata* (Rost) 2

10.260 *Echeveria mucronata* x *subrigida* 2

10.261 *Mamillaria Emckötteriana* Quehl 1

10.262 *Echinocereus caespitosus* 9716

10.263 *Opuntia macrorhiza*

Washington Botanical Gardens. 1910

Guatemala 1910
P. Eichlam

Mexico 1910.
C. R. Orcutt

Belgium, Contich. June 10, 1910.
Frantz De Laet.

Washington Botanical Gardens. 1910

Natural hybrid which developed
in Botanical Gardens in 1910.

Germany.
L. Quehl.

Texas, Sutherland Springs Oct. 1910
B. MacKenzie
" San Antonio

10.264 *Opuntia roseana* Mackensen
10.265 *Opuntia leptocarpa* Mackensen

10.266 *Echinocactus Lloydii* Rose. 9717
2

10.267 *Cereus* 9720
1 dead destroyed /

10.268. *Echinocactus*
1 destr. /

10.269. *Echinocactus* /

10.270. *Opuntia*
1 destr. /

10.271 *Opuntia*

10.272 *Opuntia*

10.273 *Opuntia*

10.274 *Opuntia*
(dead herb. spec.)

10.275 *Phyllocactus* (*Epiphyllum*) *gaertneri* 9721
~~*Succocactus*~~

10.276 *Phyllocactus strictus*

Texas, Kerrville Oct. 1910.
B. Mackensen

Mexico, Zacatecas, Mazapil. Oct. 15, 1910
Elswood Chaffey # 30

South America, Peru. From a 1910.
rocky hill, back of the Hacienda
Roma, in the Valley of Chicama,
north of Trujillo, Peru.
Ales. Hollicka.
From Argentina.

From the same place as above
parts from up north of
Mendoza, in western Argentina

From the Missouri Botanical Garden. Oct. 28, 1910
Wm Trelease, Director

10.277. *Opuntia*

10.278. "

Dead

10.279 "
 1 sp. ded.

10.280 *Astrophytum myriostigma* 9728

10.282 *Manillaria durangensis* 6
 (3) 1 sp. ded. not

10.281 *Manillaria minima!* 6
 1 destr.

10.283 *Opuntia* 9730

10.284 *Mamillaria chaffeyi?* 9735
 ~~9728~~

10.285 " "

10.286 " (not *lloydii*)

10.287 " *chaffeyi*

10.288 *Echinocactus unguispinus*

10.289 *Mamillaria*

Florida, Houston

W.L. McAttee #686
 St. Vincent Id. #1775

Oct. 28, 1910

Oct. 31, 1910

" #1753

del. sp.

Oct. 30, 1910

Mexico, Durango, Lerdo.

E. Chaffey #31
 #32

Oct. 30, 1910

#33

Mexico, Oaxaca, Tomellin Cañon
 C. Cowzatti.

Oct. 20, 1910

Mexico, Iguatecas.

Elwood Chaffey #5
 #6

Oct. 30, 1910

#7

#8

- 10.290 *Mamillaria*, near *radians* 9728
 10.291 *Mamillaria*, near *lloydii* 9735
 10.292 " *leona* Poselger.
 10.293 " (not *greggii*)
 10.294 " *greggii*

- 10.295 *Tillandsia* 9737
 " " *"Asar"*
 10.296 " " *"Liga"*

- 10.297 *Tumamoca macdougalii* Rose. 9739
 10.298 *Cissus*

- 10.299 *Leptocereus maxoni* 9741
 10.300 *Selenicereus* 9±
 10.301 "

Pusa de los Angeles, Zac.

#34

#35

#36 = #19

#37

South America, Dean Funes, Santiago de Estero
 Dr. Bailey, Willis, collector
 Parasites, or epiphytes on
 bush.

Arizona - Tucson, Desert Lab.
 D.T. MacDougal.
 Santa Catalina Mts.

Cuba - Santiago de Cuba
 Jennings S. Cox.

Oct. 20, 1910.

10.302 *Tillandsia*
(with 10.295 appar. diff.)

10.303 *Altamiranoa calcicola* ^{Kew Br}
lutea R. & sp. R.

10.304 *Echeveria humilis* (Robinson & Greenman) Rose
1

10.305 *Rhipsalis jamaicensis* 9751

10.306. " *alatus*

10.307 *Lenophyllum*

10.308 *Echeveria*

10.309 *Sedum*

10.310 *Phyllocactus* <sup>*Dioscactus Eichlamii*
H. Sp.</sup> 9754

10.311 *Phyllocactus grandis* ^{1 dead destroyed}

10.312 " *crenatus*

10.313 *Epiphyllum guatemalensis* Britton & Rose
1 dead destroyed Dead

Mexico, San Luis Potosi, San Rafael Nov. 1910.
C. A. Purpus #801
" #800

Jamaica. NYBG #28810 1907
N. L. Britton.
NYBG #28812 1907
N. L. Britton #1583

Mexico
C. A. Purpus #802

#803

#804

Guatemala Nov. 13, 1910.
F. Eichlam

10.314 *Werckleocereus glaber* (Eich.) 9754

10.315 *Rhipsalis* ^{1 dead destroyed} n. sp.
n. destr.

10.316 *Opuntia setispina* 9753
_{1 destr.}

10.317 *Mamillaria conoidea*

10.318 " *tuberculata* ??

10.319 *Opuntia rutilis* Engelm. 9752

10.320 *Mamillaria radiosa chlorotica* Coet.

10.321 *Opuntia* 9755
(small), destr.

10.322 *Opuntia*

10.323 *Echinocereus delacii* Gürke.

10.324 " *purpusi* Rose, n. sp.

10.325 *Ariocarpus kotochenbuanus*

10.326 " *retusa*

10.327 *Echinocactus grusoni*

Guatemala J. Eichlam

Mexico E. Chaffey #39
#40
#41 = #16

Utah, Washington Co. 20 mi. N. of Oct. 1910
St. George. C. M. Ainslee

Louisiana Cameron. Dec. 3, 1910
W. L. Meatee #1955
#1956

Mexico Sierra de la Paila, Coah. #
C. A. Purpus #
Minas de San Rafael, S. L. P.
#22
Near Marte Station, Coah.
#13
Sierra de la Paila, Coah.
Minas de San Rafael
#10

- 10.328 Echinocactus
- 10.329. " capricornus, var.
- 10.330 " hexaedrophorus Lem.
= 05,478
- 10.331 " bicolor
- 10.332 "
- 10.333 Coryphantha, dead destroyed
- 10.334 "
- 10.335 "
- 10.336 "
- 10.337 Echinocactus destr.
- 10.338. Coryphantha
- 10.339. Mamillaria ^{Dead & preserved}
^{Dead & preserved}
- 10.340 "
- 10.341. " caput medusae
- 10.342 "

- Mexico. Near Filipinas, Coah.
C. A. Purpus - # 21
Sierra de la Paila
- Minas de San Rafael, S.L.P.
15.
- Villareal, Coah.
5.
- Minas de San Rafael.
2
- "
14
- Villareal, Coah.
12
- Cerro Bola, near Paila, Coah.
4
- Sierra de Parras
- Minas de San Rafael, S.L.P.
20
1
- Cerro de Cypriano, Moctemo
- Minas de San Rafael
8
17
- "
3
- Sierra de Guascama
- Sierra de la Paila
19.

10,343 *Mamillaria chionocephala*

10,344 " *candida*

10,345 "

10,346 " *Scheuchzeria Ehrenb.*

10,347 "

10,348 *Leuchtenbergia princeps*

10,349 *Echinocactus*

10,350 ^{*Ashyristum*} " *myriostigma*

10,351 *Cephalocereus* ✓

10,352 "

10,353 *Pachycereus pecten-aboriginum*

10,354 *Opuntia*

9770

3 *Dead*

10,355. *Martynia* ✓

(Note: -10.356-499 omitted)

Mexico, Sierra de Parras.

Minas de San Rafael.

C. A. Purpus #18

" " "

#16

" "

#10

Sierra Prieta near Parras.

#6

Sierra de la Paila

"

#11

Minas de San Rafael.

Mexico, Batopilas.

Texas, Lake Surprise, near Galveston, Dec. 16, 1910
W. L. McAttee #1977

Arizona, Yuma.
From O. F. Cook

10.500 *Hyllocereus*

10.501 "

10.502 "

10.503 "

10.504 "

10.505 "

10.506 "

10.507 "

10.508 "

10.509 "

10.510 "

10.511 "

10.512 *Selenicereus* ^{*pteryanthus* (L.) HBK} *nycticalus* HBK.

10.513 *Opuntia*

10.514 " *triacantha* ^{Desf.}
1 sp. destr.

Ny. Bot. Gard. 22197

" 24958

" 24578

" 2504

" 2496

" 7325

" 9722

" 11997

" 24671

" 25064

" D

" R

Obtained by M. Fraile from the
Ny. Bot. Gard. in 1904.
California, Mt. Wilson, D.T.
Mac Dougal. 1906. Ny. Bot. #25333
Monteserrate, W.I. " #26079
1907

10.515 *Opuntia triacantha*

10.516 " *Lindheimeri* 1 ded

10.517

Asclepiadaceae

10.518 *Weberocereus Biolleyi*

10.519 *Werckleocereus Tonduzii*

10.520 *Dasylicium*

10.521 *Agave*

10.522 "

10.523 "

10.524 " *Houghii?* *Sundolubus* 10
= 4443 5

10.525 "

10.526 "

10.527 "

10.528 "

West Indies Montserrat. NYBG #26073
Roches 1907

Fairmont Park, Phila., Pa.

NYBG 9916

" Asia & Kapo R. (Rubber?) "

H. Pittier "H" Probably
" "V" from
Costa Rica

Marked "57.44" in Greenhouse.
Record wrong.

Marked "710" in Greenhouse.
Record wrong.

Marked "16197" in Greenhouse.
Record wrong.

Marked "57.471" in Greenhouse.
Record wrong.

Marked "698" in Greenhouse.
Record wrong.

Marked "743" in Greenhouse.
Record wrong.

Marked "426" in Greenhouse.
Record wrong.

Marked "678" in Greenhouse.
Record wrong.

Marked "696" in Greenhouse.
Record wrong.

10.529 Agave

10.530 "

10.531 Opuntia
Platop.

10.532 Agave

10.533 Trichocereus spachianus

10.534 Opuntia aurantiaca

10.535 " Dillenii

Markt "10200" in Greenhouse

Markt "10203" in Greenhouse.

Markt "3454" in Greenhouse.

Texas, Guadalupe Mts.

V. Bailey #717

Nybl. Gard. 9725

G.E. Barre 1901

"C.T."?

Nybl. looks like #9898.

Dominica, Brit. W.I.

Nybl. 21850

F.E. Lloyd 1903

1904.

1910

1910.

Rose, Standley, and Russell.
Feb. - April. Collectors.

- 10.1001 *Echinocereus*
Said to have large red fls.
- 10.1002 *Mamillaria*
- 10.1003 *Echinocereus*
= 12215 Common
- 10.1004 *Opuntia*
= 12216.
- 10.1005 *Opuntia*
= 12217
- 10.1006 *Notholaena sinuata integrina*
Dad. destroyed
- 10.1007 *Mamillaria tuberculosa*
- 10.1008. *Echinocereus*
2 destr. = 12220
- 10.1009 *Echinocereus*
= 12219
- 10.1010 *Mamillaria leyderi*
- 10.1011 *Opuntia macrocentra*
Very common
- 10.1012 *Opuntia*
- 10.1013 *Mamillaria grahami*
1 destr.
- 10.1014 *Mamillaria rodiasii*

Big Spring, Texas. 2-23-1918.
(Cultivated - said to come from Pecos region!).

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Sierra Blanca, Texas.
On rocky hills.

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- 10.1015 *Mammillaria* ^{*Leucocoma*} ~~*Leucocoma*~~ var.
- 10.1016 *Echinocactus* *Rogersii* *Belamc*
- 10.1017 *Opuntia*
brittonii *var.*
- 10.1018 *Opuntia*
- 10.1019 *Cheilanthes*
- 10.1020 *Lelagrella*
- 10.1021 *Mammillaria macromeris*
- 10.1022 *Cheilanthes*
- 10.1023 *Mammillaria macromeris*
Dead - see herb.
- 10.1024 *Echinocactus* *stans* *var.*
= 12298
- 10.1025 *Mammillaria* *tuberculosa*
Succ. also Dead-1910 = 12279
- 10.1026 *Echinocactus intertextus*
= 12275
- 10.1027 *Echinocactus* *discolor*
destr. = 12286
- 10.1028 *Echinocactus* *hargrettii*
Dead & destroyed

Guerra Blanca, Texas

2-25-1910

El Paso, Texas

2-26-1910

101032 *Mammillaria* *edgewisei* = 12251

10.1034 *Opuntia*

10.1036 *Opuntia arborescens*
1 sp. destr. = 1224/5

Opuntia

Opuntia dillenii = 12247

Opuntia Blakeana?

Echinocereus viride florus = 12270
= 12275

Echinocereus chloranthus

Near Agricultural College, N. M. 2-28-1918.

Cockle garden at Agricultural College
(Cockle garden at head of Horse Camp Lake, N.M. 1/20/04)

Q. U. S. F. C. at M. C. L. Lake, 1908)

11	1,01
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(from Knowles, N. M.)

(from near Alamogordo at type locality)

El Paso Texas. 2-26-1910

- | | | |
|---------|------------------------------|---------|
| 10.1043 | Mamillaria grahami | = 12287 |
| 10.1044 | Opuntia grahami | = 12276 |
| 10.1045 | Opuntia filifera
, destr. | = 12294 |
| 10.1046 | Opuntia tenuispina | = 12277 |
| 10.1047 | Opuntia | = 12297 |
| 10.1048 | Opuntia | |
| 10.1049 | Echinocereus fendleri | = 12308 |
| 10.1050 | Mamillaria arizonica | = 12334 |
| 10.1051 | Opuntia | = 12312 |
| 10.1052 | Opuntia | = 12314 |
| 10.1053 | Mamillaria grahami | = 12315 |
| 10.1054 | Opuntia | = 12316 |
| 10.1055 | Opuntia | = 12317 |
| 10.1056 | Opuntia | = 12318 |

El Paso, Texas

2-26-1910

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Benson, Arizona

3-2-1910

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- 10.1057 *Opuntia* ~~Dead~~ n. sp. = 12319
- 10.1058 *Echinocactus wislizeni* = 12307
- 10.1059 *Echinocactus erectus* ~~centrus~~ = 12335²
- 10.1060 *Mamillaria Heydeni* = 12388
- 10.1061 *Mamifida* ~~Dead~~
- 10.1062 *Mamillaria*
seds also Dead 1910 = 12366
- 10.1063 *Opuntia gosseliana* = 12367
- 10.1064 *Opuntia* = 12368
- 10.1065 *Opuntia* = 12369
- 10.1066 *Agave* = 12430
- 10.1067 *Cereus schottii*
seds also Dead 1910 = 12424
- 10.1068 *Hectia* = 12474
- 10.1069 *Raf. kuma* = 12429
- 10.1070 *Mamillaria Naima* Bridges
Mo. Bot. Gard. 279/10 = 12515
2 destr.

Benson, Arizona.

3-2-1910.

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Bought in the market at Ciudad Juarez,
Chihuahua
Hormacillo, Sonora

3-4-1910

3-8-1911

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10 1071	Echinocereus stramineus	Dead 1910	seeds	
10 1072	Ipomoea	Dead 1910	seeds	= 13544
10 1073	Echinocactus wislizeni	Dead-1910	seeds	
10 1074	Dasyliotia wheeleri		seeds	
10 1075	Mamillaria valida	Dead-1910	seeds	
10 1076	Barbarea coulteri	Dead-1910	seeds	
10 1077	Barbarea		seeds	
10 1078	Echinocactus wislizeni longispinus	Dead-1910	seeds	
10 1079	Notholaena sinuata	1 destr	1 dead destroyed	
10 1080	Notholaena?	Dead & destroyed		
10 1081	Portulaca	Dead		
10 1082	Opuntia mamillata			
10 1083	Opuntia			
10 1084	Echinocactus = Ferocactus covillei D + Th			= 12571 + 2

Portugas Mt. near Mesilla Park, N.M.	2-28-1910
Hermosillo, Sonora	3-8-1910
Agricultural College N.M.	2-28-1910
Portugas Mt. N.M.	"
Agricultural College N.M.	"
Hermosillo Sonora	3-7-1910
Benson. Arizona	3-3-1910
Hermosillo, Sonora	3-7-1910
"	"
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"	"
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Guaymas. Sonora	3-11-1910

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|---------|--|---------|
| 10-1085 | Mamillaria (spines straight) | = 12559 |
| 10-1086 | Mamillaria (hooked spines)
1 dead destroyed | = 12568 |
| 10-1087 | Echinocereus | = 12570 |
| 10-1088 | Opuntia gosselliana
1 dead destroyed | = 12572 |
| 10-1089 | Iberulia sonorae | = 12618 |
| 10-1090 | Mamillaria
hooked spines | = 12772 |
| 10-1091 | Opuntia
cylindrical spines | = 12853 |
| 10-1092 | Mamillaria standleyi
Dead & preserved | = 12849 |
| 10-1093 | Mamillaria
spines straight | = 12773 |
| 10-1094 | Cephalocereus | = 12886 |
| 10-1095 | Cereus | = 13039 |
| 10-1096 | Opuntia Russellii | = 12771 |
| 10-1097 | Agave | = 12847 |
| 10-1098 | Agave | = 12781 |

Guaymas, Sonora

3-11-1910

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Enipalme, Sonora

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Thames, Sonora

3-12-1910

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10.1113 *Cereus*
Echinocereus luteus Rose ref.

10.1114 *Vitis*

10.1115 *Cissus*

10.1116 ?

= 12354

10.1117 *Mammillaria*
1 destr.

10.1118 *Opuntia*

10.1119 *Ibervillea*

10.1120 *Opuntia* Dead

10.1121 *Cucurbit*

= 13306

10.1122 *Tillandsia*

= 13305

10.1123 *Echinocactus*
1 destr.

= 13344

10.1124 *Pereskia*

= 13306
30

10.1125 *Mammillaria*
~~*Echinocereus*~~

= 13350

10.1126 *Echinocereus*

Dead
13349

Alamos, Sonora

3-19-1910

" " "

" " "

" " "

Haviza, Sonora

3-21-1910
1 destr.

" " "

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Topolampas, Durango

3-23-1910

" " "

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|---------|--|-----------------------------------|
| 10.1127 | <i>Cereus</i> ^{<i>occidentalis</i> BOTT.}
<i>variabilis</i> | |
| 10.1128 | <i>Cereus</i> | |
| 10.1129 | <i>Pereskia</i> | |
| 10.1130 | <i>Cucurbitaceae</i> | |
| 10.1131 | <i>Cucurbitaceae</i> | |
| 10.1132 | <i>Cucurbitaceae</i> | |
| 10.1133 | <i>Selenicereus vagans</i> | = 13773 |
| 10.1134 | <i>Cephalocereus</i>
1 destr. | = 13747
<u>Dead</u>
= 13749 |
| 10.1135 | <i>Mamillaria mazatlanensis</i>
1 destr. | = 13776 |
| 10.1136 | <i>Rathbunia</i> | = 13758 |
| 10.1137 | <i>Cereus</i> 1 dead destroyed | = 13952 |
| 10.1138 | <i>Hylocereus purpusii</i> | |
| 10.1139 | ^{Ded.}
growing in water | = 13894 |
| 10.1140 | <i>Tillandsia</i> | |

San Blas, Sinaloa.

3-24-1910

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"	"	"

Mazatlan, Sinaloa

4-3-1910

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"	"	"
"	"	"
"	"	"

Valle Hermoso

Mazatlan

10.1141	Tillandsia	
10.1142	Pereskia	
10.1143	Commelina	= 13971
10.1144	Oreana	
	seeds	= 14006
10.1145	Agave	= 13870
10.1146	Opuntia	
	1 destr.	= 13868
10.1147	Opuntia	
		= 14172
10.1148	Opuntia	
		= 13707
10.1149	Bromelia	
10.1150	Cereus variabilis	
		= 14057
10.1151	Psychotria	
		= 14088
10.1152	Nopalea	
		= 13860
10.1153	Commelina	
10.1154	Orchid	

Mozatlan, Linaloa		4-3-1910
" "	" "	" "
Villa Union,	" "	" "
Mozatlan.	" "	4-4-1910
" "	" "	" "
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Pisario, Linaloa	7	4-14-1910

- | | | |
|---------|---------------------------------------|---------|
| 10.1155 | Tillandsia | |
| 10.1156 | Tillandsia
<i>Ded</i> | |
| 10.1157 | Nopales | |
| 10.1158 | Orchid | |
| 10.1159 | Tillandsia | |
| 10.1160 | Tillandsia | |
| 10.1161 | Pereskopsis | = 14988 |
| 10.1162 | Opuntia | = 14989 |
| 10.1163 | Opuntia | = 14990 |
| 10.1164 | Opuntia | = 14991 |
| 10.1165 | Cissus | = 15083 |
| 10.1166 | Echinosaurus funderi | |
| 10.1167 | Mammillaria grahamii
<i>destr.</i> | |
| 10.1168 | Opuntia arizonica | |
| 10.1169 | Opuntia | |

- | | |
|-------------------|-----------|
| Resano, Sonora | 4-14-1910 |
| " " | " |
| Guadalupe, Sonora | 4-19-1910 |
| " " | " |
| " " | " |
| " " | " |
| Tulacan, Sonora | 4-22-1910 |
| " " | " |
| " " | " |
| " " | " |
| " " | " |
| " " | " |
| Magdalena, Sonora | 4-23-1910 |
| " " | " |
| " " | " |
| " " | " |

10.1170 Mammillaria heyderi

10.1171 ~~Cereus~~ ^{Nyctocereus} repentinus

10.1172 Mammillaria

10.1173 Opuntia allairei

10.1174 Iberiella

10.1175

10.1176 Rastbunia

10.1177 Hymenocallis

10.1178 Ipomoea

10.1179 Ipomoea

10.1180 Ipomoea

10.1181 Ipomoea

10.1182 Ipomoea

10.1183 Ipomoea

10.1184 Ipomoea

Magdalena, Sonora

4-25-1910

"

"

"

Tucson, Arizona
from Empire Ranch Crenege, Apr. 1910
from San Antonio, Texas (Allaire)

4-26-1910

Laboratory Hill

Guaymas, Sonora

4 - - 1910

Culiacan, Sinaloa.

4 - - 1910.

Mazatlan, Sinaloa.

Presidio, Sinaloa.

Mazatlan, Sinaloa

Presidio, Sinaloa.

"

"

San Blas, Sinaloa

"

"

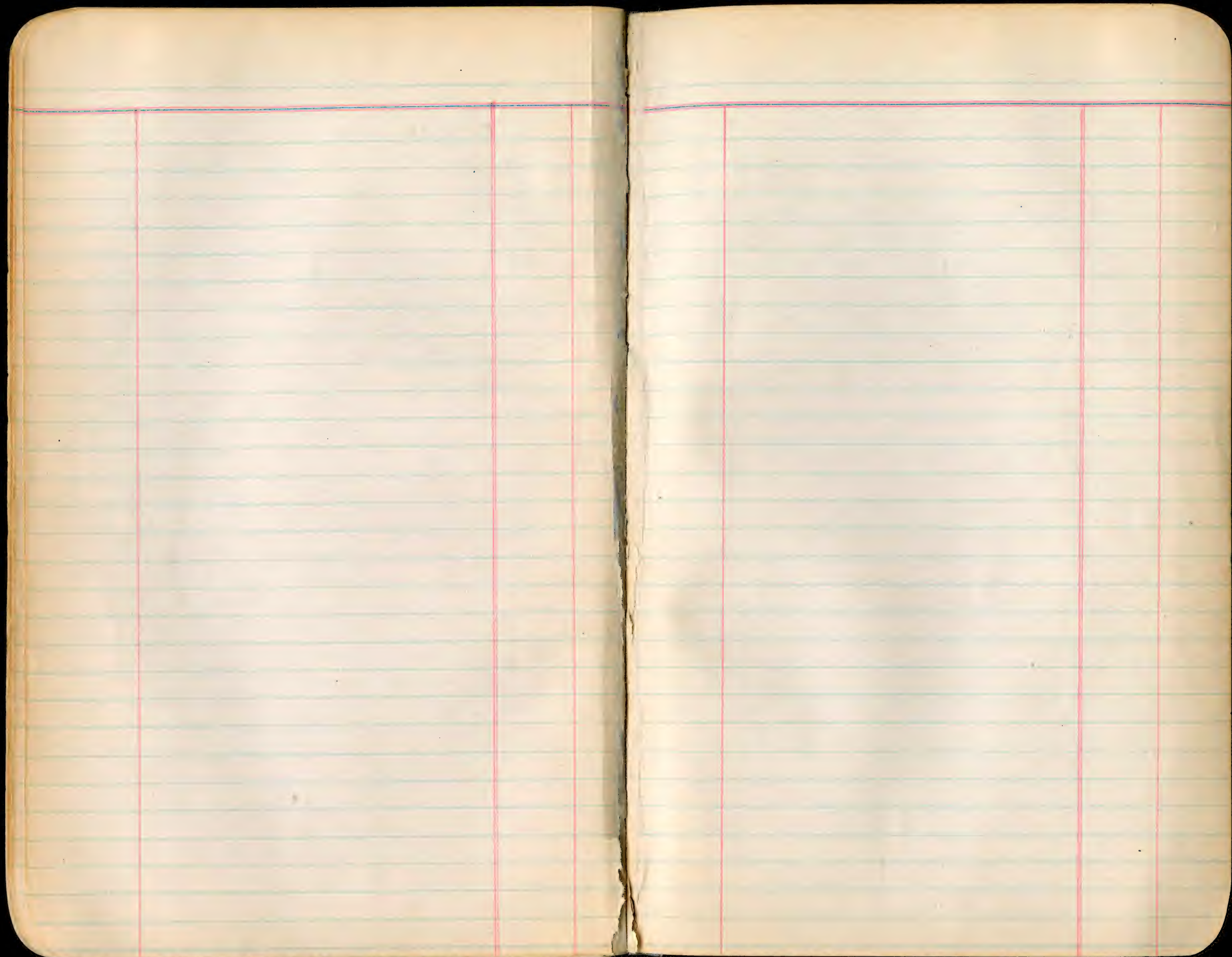
10.1185	Ipomoea	
10.1186	Ipomoea	
10.1187	Ipomoea Snyos	
10.1188	Ipomoea	
10.1189	Ipomoea	
10.1190	Phaseolus	
10.1191	Cardiospermum	12602
10.1192	"	13194
10.1193	"	14023
10.1194	Soap-tree plant	12322
10.1194	Cucurbita	
10.1195	"	
10.1196	"	14051
10.1197	"	14491

Alamos, Estado Sonora.	3-1910.
Culiacan, Sinaloa	
" "	4-21-10
Rosario, Sinaloa.	4-15-1910.
" "	"
Culiacan	"
Bought in market	
Guaymas, Mex.	Apr. 1910.
San Blas, Mex.	
Matatlan, Mex.	4-4-1910.
Bought in Ciudad Juarez, Mex.	3-1-1910.
Mexico, San Blas.	
" Culiacan	
" Matatlan, E: of town	4/4/1910
" Acaponeta, dry hills	4-12-1910

101198

fem

Alamos Jax.



~~15145~~ - ~~15207~~

Barometer Readings.

Temperature Readings

March	A.M.	P.M.	F.
4	74°	2 P.M.	78.5°
5	66°	4 P.M.	80°
6	67°	—	80°
7	66°	—	80°
8	64°	—	—
9	67°	—	74°
16	—	5.30 P.M.	87°
17	—	3.00 P.M.	84°
18	8 A.M. 72°	3.00 P.M.	77°
19	7.30 A.M. 67°	—	74°
20	—	—	—

United States
National
Herbarium.
1911.

11.1 *Oxalis stricta*
(seeds)

11.2 *Opuntia* 9792

11.3. " *lindheimeri* Engelm.

11.4 " *fusco-atra* Engelm.
1 destr

11.5 " *lindheimeri* Engelm.

11.6 "

11.7. *Phyllocactus* ~~Dead~~ 9793

11.8. "

11.9 *Echinocactus scheerii* 9794

11.10. *Mamillaria nickelsii*

Michigan, Ann Arbor. In ex-
periment garden. Henry Hus. Dec. 26, 1910.

Texas, Matagorda
W. L. McVetee # 1979
Rockport # 1980

" # 1981

1991

1992

Dec. 23, 1910.

Dec. 26, 1910

Dec. 28, 1910.

Germany, Grossh. Botanischer Garten, Dec. 1910.
Darmstadt; J. A. Purpus.

Texas-Laredo.
Dr. R. E. Kunze.

11.11. *Cereus* 9795

11.12. " 2

11.13. " 2

4

11.14 *Cereus* 9795

11.15. " 2

5+

11.16. *Selenicereus grandiflorus*? 9796
= 07,577 *donkey laia* dead
aen

11.17 *Phyllocactus gaillardae*? 9808

11.18 *Acanthocereus*

11.19 *Hylocereus*

11.20. *Cereus* nsp.

Costa Rica, Museo Nacional
San José Recd. Jan. 23, 1911.

Costa Rica, Museo Nacional,
San José. Recd. Jan. 24, 1911.

California, Kearney Park, Fresno Co. 1-23, 1911.
J. T. Beards,

Panamá, Colón, Porto Bello.

H. Pittier
Culebra C. Z.
Col. Gaillard
Alhajuela, Chagres Valley,
H. Pittier

"

"

11.21 *Phyllocactus alexandrina* 9797

11.22 " *roseus superbus*
2 destr.

11.23 *Opuntia senilis*
1 destr.

11.24 " " (leaf)

11.25 " *cylindrica* ^{subulata}

11.26 " *florida*

11.27 *Pilocereus dautwitzii*

11.28 *Mamillaria missouriensis*

11.29 " *spinosissima*
1 destr.

11.30 *Weberocereus* 9809

11.31 ~~*Hylocereus*~~ *panamensis*

11.32 *Cereus triangularis*?
Hylocereus

"Germany, imported"

Sent by Arthur Kuester from
Staten I., N.Y. in cultivation.

"Arizona, Tucson."

"Texas, garden"

"Mexico."

Canal Home, Agua Clara Reservoir, near Gatun Feb. 8, 1911.
W.R. Maxon #4646

#4667

Ancon

#4689

11.33 *Selaginella*

9887

11.34 *Opuntia*

9799

5±

11.36. *Rhipsalis*

9809
~~9799~~

2

11.37. *Mamillaria*

9803

11.38 *Mamillaria impexiconia*

9802

Dead specimen

11.39. *Cereus*

2

11.40 *Cereus*

11.41 " "

11.42 " "

Mexico, Zacatecas, Hacienda de Cedros
Elwood Chaffey.

Florida, Terra Ceia.
T. P. Robinson

Canal Zone, Culebra #4852
W. R. Maxon

Arizona, Phoenix
Dr. R. E. Kunze

California, Kearney Park.
J. T. Beards.

Feb. 21, 1911.

Mexico, Oaxaca
C. Conzatti.

March, 1911.

~~Canal Zone~~ Isla Parida, off Pedregal March 2, 1911.
(the port of David), Chiriqui, Panama
25 Feb 1911.
W. R. Maxon #4903,
#4904.

#4905.

11.43 Opuntia
(= 11.1028)

Dead
9820

11.44 Tissa

2
1 ded.

11.45

11.46 Dudleya

9821

11.47 Leuchtenbergia

11.48 Mamillaria

11.49. Mamillaria emskötteriana Reuhl. 9824

11.50 Cereus

9822

3

11.51 Opuntia

9832

3

11.52 Phyllocactus

9835

Lower California, Guadalupe Island.
J. N. Rose

#27

Mexico, Zacatecas, Cedros.

E. Chaffey #44
Coahuila, 20 miles S.E. of Tiesca
#45

Germany, Halle (Saale)

L. Reuhl - in cultivation

Florida, Terraceia

T. R. Robinson

March, 1911.

Porto Rico, Rio Piedras

John R. Johnston.

March 31, 1911.

Panama

W. R. Maxon 4719.

Recd. 4-8-1911.

11.53 *Mamillaria pseudoperbella* Quelt. 9838

11.54 *Mamillaria* 9844

11.55 *Mamillaria* 1

11.56 *Opuntia* 2

11.57 *Mamillaria* 1
(1 cluster)

11.58 9843
Bulbs. 1 sp. ded.

11.59 *Opuntia davisii*

11.60 *Nopalea auberi*

11.61 " *coccinilifera*
1 sp. ded. & destr. 1 sp. destr.

11.62 *Opuntia* Dead

11.63 "

Germany

Received 4-26-1911.

New Mexico, Stinking Lake.
W. W. Eggleston #6428
#6429

Apr. 20, 1911

#6430.

Tierra Amarilla Apr. 24, 1911.

Mexico, Zacatecas, Mazapil.
E. Chaffey

New Mexico, Nara Visa
Geo. L. Fisher #99

May 5, 1911.

Holbrook
N.Y. Bot. Gard. #9890

1901.

Panama

Cowell
N.Y. Bot. Gard. #22199

California, Pala

Schaller
N.Y. Bot. Gard. #30896

1909

"

Schaller #239 - N.Y. Bot. Gard. #30925

1909

11.64 *Maihuea poeppigii*
Dead & pressed
Ranger Kew

11.65 *Rhipsalis* ? *Nitida*?

11.66 *Opuntia*
1 dead destroyed

11.67 *Mamillaria fordii*

11.68 *Opuntia* 3

11.69 *Mamillaria dioica* 8

11.70 *Echinocactus limitus* 6

11.71 ^{*Bergerocactus*}
~~*Cereus*~~ *emoryi* 6

Chile S.P.D. #30496.
J.D. Husbands April 13, 1911.

Panama, S. slope Cerro de la March 19, 1911.
Horqueta, Chiriqui. W.P. Maxon 5554

South Carolina, Charleston Co., May, 1911.
Forcher's Bluff.
E.A. Mearns

Missouri Botanical Gardens
103/04.

Illinois, 4 miles N. of Waukegan. June 13, 1911.
D. Graenicher

Northern Lower California, Mexico, June 8, 1911.
near San Diego, Cal.
C. R. Orcutt.

11.72 *Cereus bonplandiana*

11.73 " *tortuosa*

11.74 *Mamillaria*

11.75 *Yucca* ⁴
Dead
⁴

11.76 *Phyllocactus*
(S.P.D. 29902) = Maxon 4832.

11.77 *Opuntia dillenii*

11.78 *Leptocereus quadricostatus* Britt. & Rose
(Died 7-7-11)

11.79 *Cephalocereus royeri* Britt. & Rose

11.80 " " (seeds of 11.79)

11.81 *Selenicereus hainatus*

From the Washington Botanical June 19, '11
Gardens. J. V. Rose.

New Mexico, Des Moines
P. C. Standley #6207

#6208.

Panama, Canal Zone, forest along Indio de Feb. 14, 1911.
W. R. Maxon. Gatun.

Porto Rico, Santa Isabel June 9, 1911.
John R. Johnston

N.Y. Bot. Gard. 51678 - "from Mr.
Childs, 1899"

11.82 *Opuntia prolifera*
1 destr. 1 dead, destroyed
11.83 " *hassei* 1 dead, destroyed Dead

11.84 *Opuntia*
1 destr.

11.85. *Villadia*

Dead
11.86 *Sedum*
= 10.303

11.87 *Echeveria*, near *E. glauca*.
Dead

11.88. " *humilis* Rose.

11.89 *Opuntia vulgaris*
(Seeds)

11.90 " " "

11.91 " " "

11.92 *Cereus*
(dwarf) " "

California, Newport, Orange Co. June 23, 1911.
H. E. Hasse.

Washington, Oroville. June 26, 1911.
Marcus E. Jones

Mexico, near Guascama.
C. A. Purpus.
Minas de San Rafael

Hills near Esperanza
Minas de San Rafael.

Chile
Sent from Univ. of California July 4, 1911.
by J. T. Beares.

- | | | | |
|---------|-------------------|---------|---------|
| 11.93. | Cereus | | |
| 11.94. | " | (dwarf) | (Seeds) |
| 11.95. | " | " | " |
| 11.96. | " | " | " |
| 11.97. | " | " | " |
| 11.98. | Opuntia vulgaris | " | " |
| 11.99. | Opuntia | | |
| | 1 destr. | | |
| 11.100. | Cereus | | |
| | 1 destr. | | |
| 11.101. | Opuntia Kleiniae? | | |
| 11.102. | Echinocereus | | |

Chile, Sent by J.T. Beards
from the University of Cali-
fornia. July 4, 1911.

Florida

Chile

New Mexico, near Agricultural College 7/4/11.
P.C. Standley.

New Mexico, Sandia Mts.
Collected by Paul Elles in
1910.

11.103 *Mamillaria nickelsae*

1 dead, destroyed
June 4/1927

2

11.104 *Pereskioopsis kellermanni*

1 dead

11.105 *Phyllocactus*

1 dead, destroyed

11.106 *Rhipsalis*

1 dead, destroyed

11.107 *Mamillaria*

11.108 *Opuntia*
2 destr.

11.109 ~~*Hylocereus*~~ *Weberocereus Pittieri* n. sp.

11.110 *Phyllocactus*

11.111 *Mamillaria durangensis*

2

Texas, Laredo

Sent by Dr. R. E. Kunze

July, 1911

Guatemala

F. Eichlam

Texas, Tulsa

Miss Nellie Standley

Panama, Rio Fato Valley, above Noma
H. Pittier '393 (bre de Dios

#3947

Mexico, Durango, Lerdo.
E. Chaffey.

July 6, 1911.

11.112	<i>Hylocereus</i>	1
11.113	<i>Hylocereus</i>	2
11.114	<i>Agave wercklei</i>	3
11.115	<i>Phyllocactus</i> 1 dead, destroyed.	7

11.116	<i>Selenicereus</i> <i>Cereus fulgidus</i>	
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11.117	<i>Echeveria lutea</i> Rose, sp. nov. L.H.B.	
--------	---	--

11.118	<i>Opuntia spegazzinii</i> sp. nov.	1
--------	-------------------------------------	---

11.119	" <i>elata</i>	1
--------	----------------	---

11.120	" <i>wellerii</i>	1
--------	-------------------	---

11.121	"	1
--------	---	---

11.122	<i>Echinocereus</i>	2
--------	---------------------	---

Costa Rica, San José.
Sent by José C. Zeledón. July 1911.

England, Kew, Royal Botanical Gardens.

Mexico - Minas de San Rafael July 14, 1911.
C. A. Purpus.

California, Kearney Park, Fresno Co. July 16, 1911.
J. T. Beares.

11.123 *Cereus triangularis?* ✓

11.124 *Rhipsalis? Phyllocactus?* ✓

11.125 *Opuntia*

9899

11.126 *Manillaria neomexicana* 9901

^{2 destr.}

11.127 *Echinocereus viridiflorus*

11.128 *Opuntia* (Platyop.)

11.129 *Pachyphyllum aduncum* 9900

11.130 *Opuntia* (Platyop.)

11.131 *Opuntia basilaris?* var

Chiriqui, Panama. In cultivation at Boquete.
Maxon 5730. Mch. 26, 1911.

Chiriqui, Panama. Above Boquete, alt. \pm 4500 ft.
Maxon 5250. March 8, 1911.

Montana: Sage-covered ~~fl.~~ 10 miles
n. e. of Stevensville, Bitterroot Valley.
Aug. 1, 1911. C. Birdseye, coll.

Texas: Near Vigo Park. July, 1911. Miss Nellie Stand-
ley, coll.

" " " " " " " "

" " " " " " " "

" " " " " " " "

" " " " " " " "

Mexico: Barranca near Bagre, a small village
west of Las Minas de la Rafael. C. A. Purpus.
July, 1911

California: Bishop Creek, Inyo Co., 8500 ft. A. Davidson
(Received Aug. 9, 1911)

" : (same data)

11.132 Sedastrium pachyneura Thoms., 9903

11.133 Echeveria fimbriata Thoms. 2

11.134 Echeveria ~~sp.~~ gracilis Rose.

11.135 Echeveria ~~sp.~~ secunda. 1

11.136 Echeveria strictiflora Gray 9926
1 ded

11.137 Mamillaria senilis 9927
Mamillopsis senilis Mbr.

11.138 Opuntia 9928
1 sp. ded. Dead

11.139 Tumamoca 9929

11.140 Selenicereus spinulosus (DC) 9930
L.H.B.

Mexico. (portion of type: $\frac{260}{72}$) ^{From} Mo. Bot. Garden

" ($\frac{102}{3}$) (portion of type) "

" ($\frac{260}{24}$) from near Tehuacan. Thompson. "

" ($\frac{260}{66}$) Hills just above town of Pachue "

Mexico, San Jorge, Nuevo León ^{San Raf. S. L. P.}
C. D. Purpus.

Mexico, Jalisco 5-6000 ft. 1906
Sent by Carl Lindeholz from
Lenox, Mass. 8/10/1911.

Kansas, Winfield. Aug. 14, 1911.
Miss F. M. Vasey

Arizona, Tucson, Desert Laboratory
D. T. MacDougal.

Mexico, Matamoros, from Amer-
ican Consul thru Dr.
Rodney H. True.

11.141 *Yucca*

9928

11.142 *Rathbunia*

11.143 *Mamillaria centricirrha* Lem.

9931

11.144 " *minima* Reichb.

11.145 " *pusilla* DC.

11.146 " *elongata* DC.

11.147 " *multiceps* Salzm.

11.148 " *longimamma*

11.149 " *vetula*

11.150 " *gracilis*

11.151 " *stellata* Harr.

Kansas Winfield, ^{Equals "26104"}
Miss F. N. Vasey. ^{Aggr. No. probably.}

Aug. 25, '11

Coville 1629

Italy, Catania. Cultivated
by Prof. Luigi Buscalioni
Recd. July 16, 1911.

11.152 *Echinocactus* ^{opsis} ~~tubiflorus~~ Hart.

11.153 *Echinocereus enneacanthus*

11.154 " *cinerascens* S.-D.

11.155 " *pentalophus* S.-D.

11.156 *Phyllocactus hookeri* Salin.

11.157 " *grandis* Lem.

11.158 " *anguliger* Lem.

11.159 *Epiphyllum crenatus* Seael

11.160 *Rhipsalis rhombica* Pfeiff.

11.161 " *paradoxa* Salin.

11.162 " *squamulosa* K. Schum.

11.163 " ~~*grandiflora* Has. & G.~~
Megalantha
to Berger

931

(Italy, Catania, Prof. Luigi Buscalioni)

931

11.164 *Myrtillocactus geometrizans*
var. pulcherrimus

9431

(Italy, Catania, Prof. Luigi Buscalioni)

11.165 *Hylocereus*
Cereus triangularis

11.166 *Cereus flagelliformis* Mill.

11.167 *Echinopsis eyriesii*

11.168 *Cereus martianus* Zucc.

11.169 " *longispinus* S.-D.

11.170 " *tumacarii* DC.

11.171 " *bonplandii* Parry.

11.172 " *tortuosus*

11.173 " *colubrinus*

11.174 " *peruvianus*

11.175 " *eyriesii*

11.176 *Cereus rostratus* Lem. 9931

11.177 " *martianus*

11.178 " *ehrenbergii* Pfeiff.

11.179 s. " *nycticalis* Link.

11.180 " *bonplandii* Parry.

11.181 *Phyllocactus* 9917

11.182 *Ahipsalis* ^{destr.} *Hebnerus panamensis* 3

11.183 *Nolina*
(Seeds)

11.184 *Opuntia* 9932
^{destr.}
(See 11.187)

(Italy, Catania, Prof. Luigi Buscalioni)

Panama
H. Pittier #4229
#4196

New Mexico, Albuquerque.

Idaho, St. Anthony.
Vernon Bailey

Aug. 31, 1911.

11.185 Echinocereus rigidissimus 4933

11.186 Mamillaria recurvata 2

11.187 Opuntia 4932
1 destr. 2

11.188 Opuntia 4934
(Specimen put into herbarium)

11.189 Opuntia

11.190 Opuntia

11.191 Acanthocereus ✓
(Seeds of 06.10.12)

11.192 Opuntia griffithsiana Mackensen ✓

11.193 " greenmaniana Mackensen

11.194 " convexa Mackensen

11.195 " reflexa Mackensen

Arizona, Phoenix
Dr. R. E. Kunze.

9-1-1911.

Idaho, St. Anthony.
Vernon Bailey
(With 11.184)

Aug. 31, 1911.

Texas. Paloduro Cañon,
near Amarillo.
Miss Nellie Standley.

Sept. 1911

Texas, Laredo

1906.

J. M. Rose
Texas, vicinity of San Antonio.
Bernard Mackensen

11.196 *Melocactus* ✓
(Seeds of 05.306)

11.197 *Acanthocereus* 9963
2

11.198 ✓
1 destr.

11.199 *Opuntia* 9964

11.200 *Mamillaria neomexicana* ✓
2

11.201 *Nopalea* ✓
2 dead, destroyed.

11.202 *Hylocereus triangularis* 9967

11.203 " *monacanthus*
paranamensis

Guatemala, El Rancho.
W.R. Maxon #3766

Philippine Islands, Los Baños, Aug., 1911.
Laguna Proo., Luzon
E.D. Merrill

Canal Zone, Potrero de las tortugas.
H. Pittier

Colorado, Yuma.
H. L. Shantz.

New Mexico, Grant Co., Hanover
Mt., alt. 7500 ft.

Panama (probably)
H. Pittier

Panama,
Cowell #416 - NYBG. 22197
Bay of Panama, Urua Id.
Howe NYBG. 31778

1905

1910

11.204 *Echinocactus simpsoni*

9965

11.205 *Opuntia polyacantha*
1 destr.

11.206 " "

11.207 *Echinocactus simpsoni*

11.208 *Lenophyllum*

✓

11.209 *Agave rigida*

✓

11.210 *Phyllocactus crenatus* = *Epiphyllum strictum*

11.211 *Cereus martinii*
(= 10.252)

11.212 *Opuntia*

11.213 *Sedum*

1 dead destroyed

✓

Wyoming, Lone Tree.

M. Cary #698

Green River

#699

Green River

#700

Maxon

#701

Georgetown, D.C. Cult. by Oct. 9, 1911.
Hoffmann.

Washington Botanical Gardens. Oct. 10, 1911.
J. N. Rose.
(Honduras)

(all of this no. grown N.Y.)

Washington, Tacoma. (Cult.?) Oct. 10, 1911
Mrs. Weeks, sender.

11.214 *Mamillaria knippeliana* 9968

11.215 " *strobiliformis caespitosa*

11.216 " *pusilla multiceps*

11.217 *Sedum Wrightii* Gray ^{B^r} ✓

11.218 *Pereskia bleo* HBK. 9969

11.219 *Pereskopsis chapistli* Weber Dead

11.220 *Phyllocactus latifrons*
Euphyllium oxyphallum

11.221 *Nopalea amberi*?

11.222 *Cereus speciosissimus*?
^{1 destr.}

11.223 *Mamillaria conzattii* Rose

11.224 *Cereus*

11.225 *Acanthocereus*

Germany, Halle (Saale)
J. L. Quehl.

Texas, mts. near El Paso
Elmer Stearns #162

Mexico, Oaxaca
C. Conzatti #3 - de Orizaba

#4 - de Oaxaca

#5 - Cumbre de los Frailes

#6 - de Oaxaca

#8 - de Orizaba

#1

#7

#9

1911

11.226 *Mamillaria sphaelata* Mart ~~Dead~~ 9469

11.227 "

11.228 " *carnea*

11.229 *Echeveria montana*

11.230 *Crassula* 9470

11.231 " (Rust)

11.232 *Haworthia*

11.233 "

11.234 *Mamillaria*
destr.

11.235 "

11.236 *Cereus*

11.237 *Opuntia decumbens*
L.B.

Mexico

C. Conzatti #10

#11

#12

#13

California, San Diego
C.R. Orcutt #72

#98

#8

#75

(Mex. - San Luis Potosi)

#885

#1015

#1271

(Mrs. Brandegee - Lower Cal.)

#1329

11.238 *Cereus cochal.*

9970

11.239 *Opuntia*

11.240 *Opuntia clavata*

11.241 *Cereus formosus*

Dead

11.242 *Sempervivium*

1 dead destroyed

11.243 *Crassulaceae*

11.244 *Sempervivium*

9971

11.245 *Mamillaria leona*

11.246 *Crassula* ?
(Ded. Nov. 1911)

11.247 ^{type} *Cereus ocamponis* ?

11.248 *Selenicereus*

11.249 *Crassula*

California, San Diego.
C. R. Orcutt.

Hawaii

Sent by J. T. Bearss
from Kearney Park,

Chile

Calif. 8 Oct. 1911.

Brought from Washington 10-17, 1911
Bot. Garden by Mr. Swiggett.

California, Ventura.
#1 Cult., Theo. B. Shepherd Co.
#2

#3

#4

#5

#6

11.250 *Mamillaria*

11.251 - "

11.252 *Mamillaria pusilla* ~~1022~~

11.253 *Phyllocactus Wittia panamensis*

✓
Herb. Sp.
NY

11.254 *Nolina texana* B.A.G.

9966

11.255 *Euphorbia*

9972

11.256 *Mamillaria denudata*

11.257 - "

#8

#9

N.Y. Bot. Gard. 10825. "Rec'd.
from Dept. of Parks, Bronx, N.Y.,
in 1902" (Letter of N.L. Britton of 10/23/11)

Panama, mts. above Chepo.
H. Pittier #4571

Oct. 15, 1911.

New Mexico, Albuquerque.
Marion Innes.

Oct. 16, 1911

"extends over the --- eastern
part of New Mexico."

Mexico, Coahuila, 15 miles east
and north of Tlahuila, Durango.
E. Chaffery #48.

Oct. 8, 1911.

(Same locality as above) #49 (cf #36)

→ Durango, near Lerdo, (originally.)
Cult. in garden several years.

#50 (cf #19)

11.258 *Mamillaria demudata* (Engelm.) Rose?
1 destr.

11.259 *Ariocarpus fissuratus* 9

11.260 *Acanthocereus*

11.261 "

11.262 *Lemaireocereus*

11.263 *Cereus*

11.264 *Cereus*

11.265 *Echeveria rubromarginata*
1 dead

11.266 *Beaucarnea inermis* Rose

Mexico, Durango, near Tlahuila. Oct. 10, 1911
(cf. #36). #51

Durango, Campana hill, near
Tlahuila, #52.

9964 Canalhone - Channel Sand spit.
A. S. Hitchcock - "4-angled,
erect or declined on bushes".
→ "On rocks - Old Panama".

9969 Mexico, Oaxaca "Jardin Botanico
de la Estacion Agricola
Experimental."
C. Conzatti

9973 Mexico, near Cuichapa, near Esperanza, Puebla. C. A. Purpus. 2600 m. alt.
San Luis Potosi - Hacienda
Rascón C. A. Purpus

11.267 *Cereus*

9963

11.268 *Mamillaria centricircha*

9974

11.269 " *elegans*.
1 destr. Dead & preserved

11.270 *Heeria elegans* ✓

11.271 *Opuntia pycnacantha*

10019

4#

11.272 *Pereskia nicoyana*

10022

11.273 *Phyllocactus* ^{*Epiphyllum*} *lepidocarpum*
2 destr.

Philippine I. - E. D. Merrill.
Manila.

Mexico "bet. Contreras & Tlalpam, Oct. 24, 1911.
on the Pedregal." Wm Brockway.

Mexico, Jalapa

J. W. Rosey 304 (6081) returned
to Washington from New York
under NYBG No. 16901.

California, Bard. "about 6
miles from Yuma, Ariz."
O. F. Cook

Oct. 30, 1911.

Costa Rica

Alfaro

11.274 *Lactuca*?
Entire spec. flowered & put in Herb. 9978

11.275

11.276 *Phyllocactus*

11.277

11.278 *Mamillaria* 10023

11.279 "

5+

11.280 *Opuntia* 10024

11.281 "

11.282 *Echinocereus stramineus*

11.283 *Epiphyllum phyllanthus* ^{hookeri} 10025

11.284 *Opuntia*
1 distr.

Panama, near Alhajuela
#1 Coll. A. Busck April, 1911.

2

3

4.

Mexico
Wm Brockway.

Mexico, Candalaria, 50 miles
south of Juarez, Chih.
Elmer Stearns

West Indies - NYBG No 27690
W.E. Broadway. 1907.
Cuba, near Guantánamo, Oriente.
Dr. Shaffer NYBG #33528.

11.285	<i>Yucca</i>	10021
11.286	<i>Mamillaria</i>	4
11.287	<i>Opuntia</i>	1

11.288	<i>Opuntia humifusa</i> Raf. destr.	10018 3
--------	--	------------

11.289	<i>Mamillaria napina</i>	10026
11.290	<i>Echeveria</i> 1 dead, destroyed 1 dead	

11.291	<i>Bryophyllum</i>	4986
--------	--------------------	------

11.292	^{Hyl} <i>Cereus trigonus</i>	
--------	---------------------------------------	--

11.293	?	
--------	---	--

11.294	<i>Tillandsia</i>	
--------	-------------------	--

Colorado, near Denver
Arthur Kuester

Indiana, Miller. Dunes. Oct. 20, 1911.
J. A. Nieuwland.

Mexico, El Riego, Tehuacan, "mts." October.
C. A. Purpus.
"Rocky limestone hills,
Esperanza, Puebla." October.

Porto Rico, vicinity of San Juan
(Sent by Bro. Hioran, Colegio
de San Pablo, San Juan)
#1

#2

#3

11.295 *Tillandsia* 9986

11.296 *Orchid*

11.297 *Opuntia tuna*

11.298 *Anthurium acanthe* (Jacq.) Schott.

11.299 *Nopalea coccinifera*

11.300 *Nopalea*

11.301 *Opuntia arborescens* ~~Dead~~ 10021

11.302 *Opuntia polyacantha* Haw.

11.303 *Echinocactus simpsoni*
1 destr.

11.304 *Mamillaria vivipera* 10008

11.305 *Mamillaria elegans* ? 10023

11.306 " *amoena* ??

#4

#5

#6

#7

#8

#9

(Wyoming, Cheyenne) Collected near
Puebla, Colo. Nov. 15, 1911.
Arthur Kuester.

Wyoming, Fort Russell Laramie Co.
Earl B. Powell, Ambulance Co. #1.

Mexico, Pedregal near Talpam Nov. 13, 1911.
Wm Brockway #201
Cuernavaca
#202

11.307 *Manullaria tuberculata* 10027

11.308 ^{1 destr.}
Echinocactus dasyacanthus

11.309 *Nopalea coccinifera* 10020

11.310 ^{1 sp. ded.}
Opuntia dillenii
(= *Nopalea*, Destroyed)

11.311 *Opuntia*

11.312 *Opuntia arborescens* 10021

11.313 *Echinocactus simpsoni*

11.314 *Crassula*

11.315 *Yucca*
1 sp. ded. 1 dead destroyed.

11.316 *Yucca*

11.317 *Mesembryanthemum*

11.318 *Aloe*

11.319 ? 1 ded

11.320 ?

Texas: near El Paso.
Dr. Elwood Chaffey #53
#54.

Nov. 4, 1911

Porto Rico, Arecibo.
Henry T. Cowles #200
#201

Nov. 17, 1911.

#203

California, San Francisco (Ship-
ping point) Arthur Kuester.
→ (Collected in Wyoming)

Disocactus biformis
11.321 ~~Epiphyllum~~ biformis ^{dead} 10025

11.322 Hylocereus

11.323 Rhipsalis

11.324 Harrisia

11.325 ~~Mamillaria vivipera~~
(= 11.304)

11.326 ~~Pereskia~~

11.325 Opuntia imbricata 10021

11.326 "

11.327 "

11.328 Mamillaria

11.329 "

England, Kew, 1901

NyBY. #7250

S. Dom. Taylor #203, 1909

NyBY. #31756

Costa Rica, San Jose, cultivated

W. Maxon #23, 1906. NyBY. 24943

Cuba, Rio Guao, B. & C. 9653

NyBY. #33475

~~Wyoming, Cheyenne~~

~~Arthur Kuester~~

~~Mexico, Oaxaca~~

~~C. Conzatti~~

~~Arthur Kuester~~

11.330 Aloe 1002/

11.331 "

11.332 "

11.333 "

11.334 "

11.335 Senecio

11.336 Hechtia

11.337 Oliveranthus

11.338 Agave

11.339 Villadia

11.340 Sempervivum 1 ded

11.341 "

210

~~see photo~~ see 11.346
= ~~Crassata rosularis, probably.~~ P.E. Hutchinson 1960

11.342 Echeveria

10021

11.343 "

1 ded

11.344 "

11.345 Crassula

11.346 " 1 destr.

rosularis probably

det P.C. Hutchinson, 1960

1. Jan. 1

11.347 "

11.348 "

11.349 "

11.350 Sedum

11.351 "

11.352 "

11.353 Mesembryanthemum

11.354 Mesembryanthemum

10021

11.355 — ?

11.356 — ?

11.357 — ?

11.358 Sedum

11.360 Mamillaria vivipera
(cf. 11.304)

10021

11.361 Pereskopsis

10028

11.362 ^{Hub} Cereus setaceus

10029

11.363 Aloe

10021

11.364 Yucca

221

Wyoming, Cheyenne.
Arthur Kuester.

Mexico, Oaxaca.
C. Conzatti.

Italy, La Mortola, Ventimiglia.
Alwin Berger. (Cultivated)

California, San Francisco (shipping
point). Arthur Kuester.

11.365 Yucca

10021

11.366 ?

11.367 Euphorbia

11.368 Mamillaria

11.369 Cereus monstrosus

11.370 Sempervivium

(1 dead, destroyed)

~~11.371 Dracena australis?~~ Put in herb.

11.372 Crassula

11.373 "

11.374 "

11.375 "

11.376 Mesembryanthemum

(Sent from San Francisco, Cal.)
Arthur Kuester.

11.377 *Mesembryanthemum* 10021

11.378 "

11.379 *Pereskia panamensis* Web. ✓
(Seeds)

11.380 *Opuntia prolifera* 10021

11.381 " *tunicata* Dead

11.382 "

11.383 "

11.384 "

11.385 "

11.386 " *subulata*

11.387 " *cylindrica*

11.388 *Manillaria elongata*

(Sent from San Francisco, Cal.)
Arthur Kuester.

Panama
H. Pittier #4704

(Vicinity of Los Angeles, cult.?)
Sent by Arthur Kuester

11.389 Mamillaria

10021

11.390 "

1 destr. 1 dead destroyed

11.391 " elegans

11.392 " fragilis

11.393 Echinocactus

11.394 "

11.395 Cereus

11.396 Echinopsis 1 destr.

11.397 "

11.398 "

11.399 "

11.400 "

11.401 Cereus

Trichocereus Spachianus

50"
Sent by Arthur Kuester

11.402 *Cereus*

10021

11.403 *Hylocereus*

11.404 *Rhipsalis*

11.405 *Phyllocactus*

11.406 "

11.407 "
 1 destr.

Dead

11.408 "

11.409 "

11.410 *Kleinea articulata*

11.411 *Opuntia*

11.412 *Mamillaria*

11.413 *Echinocereus*

¹⁰⁰¹
(Sent by Arthur Kuester)

California, Los Angeles, cult.
Eastlake Park.

11.414 Euphorbia 10021

11.415 Selenicereus hamatus

11.416 Opuntia basilaris

11.417 Hylocereus costaricensis 10022

11.418 Sedum 10026
3

11.419 Echinocactus pungispinus 10027

11.420 Opuntia basilaris 10021

11.421 " cristata 3

11.422 " cylindrica

11.423 Cereus flagelliformis cristata

11.424 Head of Medusa?

1001

Costa Rica, San Jose - Museo Nacional.
Guanacaste.

Mexico: Barranca de Santa
Maria. C. A. Purpus.

Mexico: Durango, Ciudad Lerdo. Dec. 5, 1911.
Elswood Chaffey.

(Sent by Arthur Fuester)

11.425 Euphorbia 10021

11.426 " meloformis Aut.

11.427 Mesembrianthemum 2

11.428 Echinopsis cristata. 2

11.429 Mammillaria longispina
camptotricha Dams, 1

11.430 " plumosa 1

11.431 " 1 destr. 2

11.432 " 1

11.433 Pelecyphora 2

11.434 Opuntia vilis 10027

Note:- 11.435-11.499
omitted.

(Sent by Arthur Guester)

Mexico. Durango, Lerdo.
E. Chaffey # 57

11/25/11

- | | | |
|--------|---|---|
| 11.500 | <i>Yucca</i> | |
| 11.501 | <i>Agave</i> | |
| 11.502 | " <i>geminiflora</i> | |
| 11.503 | <i>Euphorbia</i> | |
| 11.504 | " | 3 |
| | (3 angled) | |
| 11.505 | <i>Brognartia</i> | |
| 11.506 | <i>Coccoloba</i> | 2 |
| 11.507 | <i>Bryophyllum</i> ^{<i>pinnatum</i>} <i>calycinum</i> | |
| | LHB. | 4 |
| 11.508 | <i>Euphorbia</i> | |
| | (large) | 1 |
| 11.509 | <i>Crassula</i> <i>lycopodioides</i> | |
| | | 3 |
| 11.510 | <i>Oreopanax</i> | |
| 11.511 | <i>Agave</i> | |

From Greenhouse, Dept. of Agr.

Mexico, J. N. Rose.

Greenhouse, Agr. Dept.

" "

" "

H. Pittier

"

¹⁰⁰⁰
Greenhouse, Agr. Dept.

" "

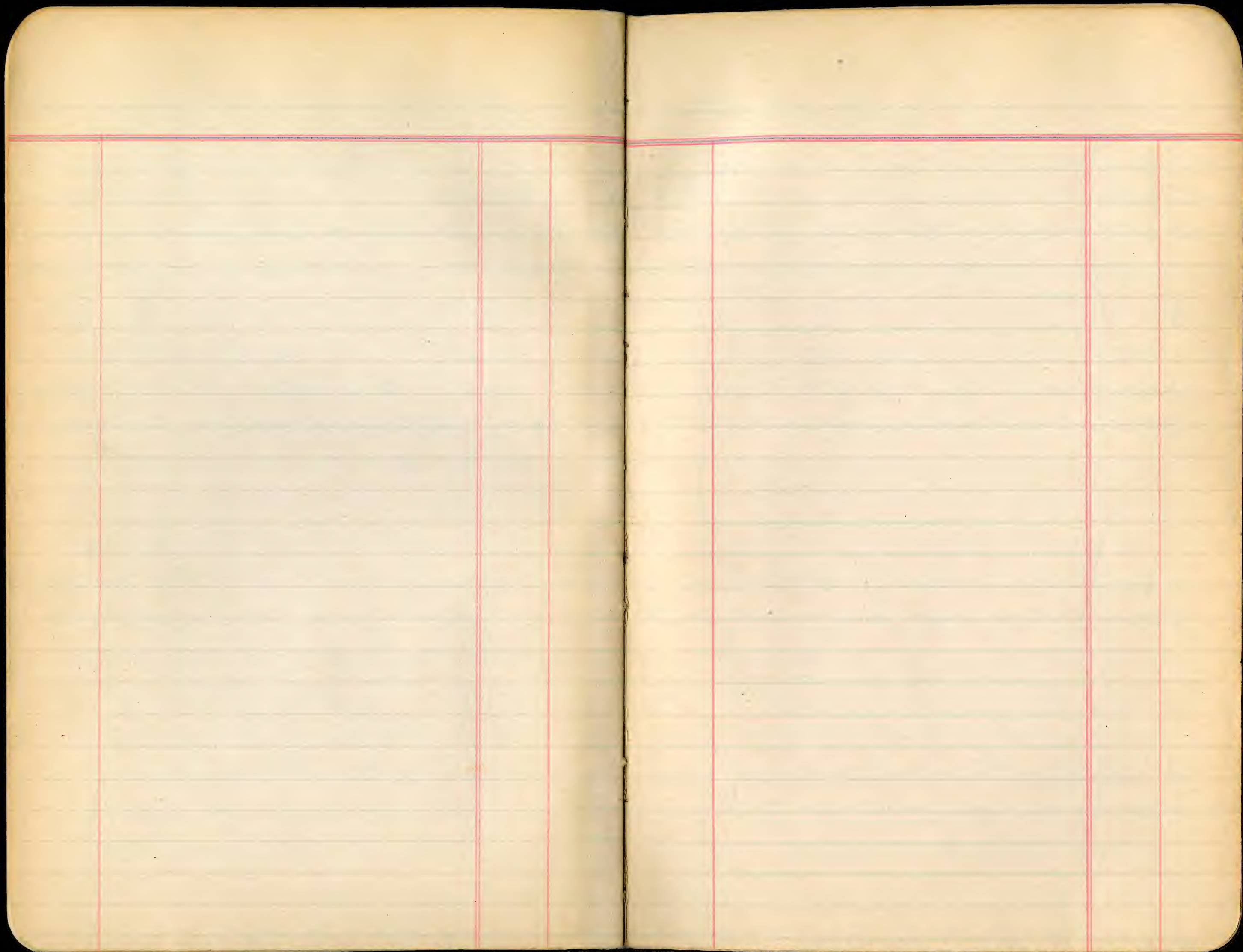
From N. Y. Bot. Gard.

Mexico, Jalapa. J. N. Rose.

Numbered 779 wrongly.

Note for H. 1001 etc see See Field

Book Guadalupe Island 1911
16001 + 17376



1913-1916

For 1912 see next book

1913.

1913

1913

1913.

13.1. *Opuntia fragilis*
(Platiop.) 3

13.2 *Opuntia polyacantha*
(Platiop.) Box spec. 2

13.3 " " 2

13.4 " *arborescens*
Box spec. 4

13.5 *Mamillaria trichacantha* 10416
1 sp. det. & destr. 1

13.6 *Hylocereus*? 10455
1

13.7 *Echinocereus Fendleri* acc
Dead 10394 1

13.8. *Opuntia macrocentra*
(Platiop.) 1

13.9 *Echinocereus* sp. nov. 1

Colorado,
Ruth Jocelyn Wells

Colorado, near Pueblo.
Miss Divellion

Germany, Halle (Saale)
L. Quehl.

Costa Rica, San José.
O. Jiménez.

Jan. 1913.

Arizona, Comomoboles mts.
D. T. MacDougal #31

Mar. 15, 1913

Coyote mts.

" 14, 1913

" #32
Comobobi mts.

" 15, 1913.

" #33.

13.10	Cactus (Melocactus) Lemairei	acc.	
	Dead specimen	3	10391
13.11	Opuntia leptocaulis (Cylindriop)	3	
13.12.	Opuntia tuna or Dillenii (Platiop.)	2	
13.13	Opuntia curassavica ^{Taylori} ?	3	
13.14	" Taylori (Platiop.)	2	
13.15	Hylocereus triangularis	3	
13.16	Acanthocereus (Cereus) pentagonus	1	
13.17	Leptocereus	3	
13.18	Harrisia Taylori	3	
13.19	Cephalocereus	1	
13.20	Lemaireocereus Dead & destroyed	2	
13.21	Cereus Dead & destroyed	3	

Sante Domingo, Barahona
Father Puertes.

13.22. *Opuntia Haitiensis* acc.
1 destr. 3. 10391

13.23 *Echeveria Venezuelensis* acc.
flowered in Venezuela April 1913 10392

13.24 *Selenicereus inermis*
3

13.25 *Mamillaria Karwinskiana* Dead 10427
(large-spined var.) 1

13.26 " " 1

13.27 " sp. aff. *M. Conzattii* 1

13.28 *Cereus* 1

13.29 *Echinocactus cylindraceus* 10442
(seeds)

Santo Domingo, Barahona
Father Fuentes.

Venezuela
H. Pittier #5932
" "Los Chorros, above Dos Caminos, alt. 900 meters, about 12 miles E. of Caracas" Mar. 14, 1913.
On trees
H. Pittier.

Mexico, Cerros Salina Cruz Jan. 22, 1913
C. Conzatti #152
"

#152
El Riego, Tehuacan Jan. 13, 1913
#8
Lagunas, Montañas de la Chivela Jan. 25, 1913

California, Palm Springs
S.C. Mason
Tahquith Creek.

13.30	Mamillaria		acc. 10397
13.31	"		/
13.32	"		/
13.33	"		/
13.34	Cereus ^{serpentinus?} 1 sp. dead		/
13.35	Opuntia	dead	/
13.36	Agave		/
13.37	Opuntia "destr."		2
13.38	Echinocereus		2
13.39.	Opuntia		Dead
13.40.	Mamillaria	Grahami	/
13.41	Echinocereus	Eugelmanni	/

Mexico, Mexico City.
C. R. Orcutt.
Rec'd. Feb. 5, 1913.

Canal Zone, Bas Obispo
S. P. Verner
Rec'd. Feb. 7, 1913

Arizona, Supai, A. H. Symons.
Rec'd. Feb. 8, 1913.

13.42. Echinocactus 10427
2

13.43 Opuntia 10428
1

13.44 Mamillaria phellosperma 10419
1

13.45 Opuntia
1 destr. 2

13.46 Mamillaria
1 destr. 1

13.47 Cereus Wercklei acc.
10455
2

Mexico, Oaxaca, Cerros de Salina Cruz. Jan. 22, '13
C. Conzatti 151^a

(~~Texas, Dallas~~) "This Opuntia
was found in a mudhole
full of water, near New
Orleans, La. The branches
are 3-4 ft. high, most of
the leaves are bare of spines,
but all have tufts."
Arthur Kuester.

California, Colorado R. (opposite Feb. 21, '13
Parker, Arizona)

E. Goldman #1993.
Arizona, Parker, alt. 400 ft.

#2001

#2000

Costa Rica, San José. Feb., 1913

O. Jiménez, sender
"Volcan Miravalles (Guanacaste)
Carlos Villar, coll."

13.48 Echinocactus phellosperma 10419

13.49 Echinocereus

13.50 Opuntia

13.51 Mamillaria destr.

13.52 Opuntia

13.53 Mamillaria phellosperma 10419
(Seeds of 13.44)

13.54 Echinocactus destr. (Seeds)

13.55 Pereskia 10427
(Seeds only)

13.56 Opuntia rhodantha 10440

13.57 " xanthostemma

Arizona, Vicksburg, alt. 1600 ft. Mar. 19, '13.
E. A. Goldman #2008

alt. 1600 ft.
#2007

alt. 1400 ft.
#2005

alt. 1600 ft.
#2009

alt. 1200 ft.
#2006

California, Colorado R. #
E. A. Goldman 1993.
(= 13.44)

Arizona, Supai,
A. H. Symons

Mexico, Oaxaca, Salina Cruz.
C. Conzatti

Switzerland, Geneva.
H. Correvon

April 5, '13.

13.58 *Opuntia* acc.

13.59 *Opuntia* acc.
_{destr.} 5 10400

13.60 *Opuntia* 1

13.61 *Echinocereus* 10439
1

13.62. *Rhipsalis* 10393
_{destr.} 1

13.63 *Phyllocactus* 3

13.64 *Epiphyllum cartaginensis* acc.
3 10455

Florida, St. Cloud
J. T. Bearss

Apr. 18, 1913

Virginia, Shores
A. M. Steger

April 19[?] '13

Colorado, Durango
James Merry

Arizona, Prescott; 5300 ft.
E. A. Goldman 2033

April 20, '13

Guatemala, Cubilquitz, 20 miles.
(H. von Türckheim) North
" of Coban, 350 meters alt.

March, 1913

Costa Rica, San Jose
O. Jimenez

- | | | |
|--------|--|-------|
| 13.65 | Echinocactus scopa. | 10428 |
| | 1 destr. | 1 |
| 13.66. | " myriostigma | 1 |
| 13.67 | Echinopsis ? | 2. |
| 13.68. | " Schickendantzii | 1 |
| 13.69 | Echinocactus ornatus | 1 |
| 13.70 | Opuntia cristata | 1 |
| 13.71 | Mamillaria Calceana
= M. parsonsiana (Nov 30/1911) | |
| 13.72. | Opuntia ?
2 destr. | 3. |

- | | | |
|-------|-----------------------|-------|
| 13.73 | Opuntia
(Platiop.) | 10441 |
| | | 5 |

- | | | |
|--------|----------------------------------|-------|
| 13.74 | Echinopsis
1 dead, destroyed. | 10428 |
| | | 3 |
| 13.75. | Bergerocactus Emoryi
destr. | 2. |

California, Los Angeles, April, 1913
Garden of Arthur Letts, sent
by Arthur Kuester.

Pennsylvania, Round Top Island, April, 1913.
Susquehanna R., east of Har-
risburg. Sent by Edw. Gillett, Southwick,
Mass.

California, Riverside, Mr. Dunbar, May, 1913
sent thru Arthur Kuester

13.76	<i>Opuntia australis</i> (<i>Platiop.</i>)	5	10438
13.77.	<i>Opuntia</i> (<i>Platiop.</i>) sp. det.	1	10428
13.78.	" (<i>Cylindriop.</i>)	1	
13.79.	" <i>ramosissima</i> (<i>Cylindriop.</i>)	1	
13.80	^{1 destr.} <i>Echinopsis tubiflora</i> - hybrid. light pink fls.	1	
13.81.	" <i>Mullerii</i>	1	
13.82.	" <i>oxygona</i> light pink fls.	1	
13.83.	" <i>Egnesii</i> white fls.	1	
13.84.	" <i>tubiflora</i> - hybrid dark pink fls.	1	
13.85.	"	1	
13.86.	"	1	
13.87.	<i>Echinocereus</i>	2	

Florida, Osceola Co., St. Cloud.
J. T. Bearss.

California, Riverside, White Park. May, 1913.
Mr. Dunbar, thru Arthur Gquester.
(Terrescal Cañon, Calif.)

13.88 *Pereskia* acc.

40±

13.89 *Nolina*
(Seeds)

2

13.90 *Opuntia*
2 destr.

4

10436

13.91 *Opuntia Treleasei* Kerni
1 destr.

4

10426

13.92 *Weberocereus panamensis*

acc.

1

13.93 *Phyllocactus stenopetalus* S.-D.

1

10437

13.94 *Opuntia Kunzei*

acc.

2

13.95 *Pereskia*

acc.

3

Santo Domingo, Barahona.
Father 'Fuentes.

Arizona, Grand Cañon.
E. W. Nelson

Nov. 1912.

Florida, Orange Co.,
J. T. Bearss.

California, near Bakersfield.
Mojave Desert.
Arthur Kuester

Canal Zone. Lake Gatun
"On a partly drowned tree"
Mrs. D. D. Gaillard (Katherine)

April 1913.

Mexico
W. Weingart, Germany.

Arizona, South of Quijotoa mts.
D. T. MacDougal

Venezuela, Caracas
H. Pittier #6129.

13.96	<i>Opuntia whipplei</i>	(all sent to N.Y.B.G. May 20, 1913) P.G.R.	1	10439
13.97	<i>Mamillaria</i>		1	
13.98	<i>Echinocereus</i>		1	

13.99	<i>Weberocereus Biolleyi</i>		acc.
		INB. 5+	

13.100	<i>Cereus</i>	prob. = <i>Binghamia</i> sp. PCH, 1960	1	
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13.101	<i>Opuntia</i>		1	
	+ destr. 1 destr.			

13.102	<i>Echinocactus erectocentrus</i>		3	10434
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13.103	<i>Echinocereus Tandleri</i>		2	
--------	------------------------------	--	---	--

13.104	<i>Mamillaria arizonica</i>		2	
--------	-----------------------------	--	---	--

13.105	" <i>Wilcoxii</i>		3	
--------	-------------------	--	---	--

13.106	" <i>Grahami</i>		3	
--------	------------------	--	---	--

Arizona, 25 mi S. of Flagstaff. Mor- May 2, 1913.
mon Lake. E.A. Goldman #2034

#2035

#2036

Costa Rica, San Ramon Apr. 30, 1913
A. Tonduz.

Peru, Valley of Chicama (north 1913.
of Trujillo) high spots.
Alas Hrdlicka.
Sierra de Huarochoiri

Arizona, Sonoita
Geo. Horchderffer
Benson

13.107 *Weberocereus panamensis*
(seeds of 13.92) A. Banger

13.108 *Opuntia spinosior* 10436
2

13.109 *Opuntia treleasei* Kernii Griffiths 10421
6

13.110 *Phyllocactus Cephalocereus* 10417
3

13.111 *Cereus* 4

13.112 *Cereus* 10420
1

13.113 *Cereus* 1

Canal Zone, Lake Gatun
Mrs. D. D. Gaillard

April, 1913.

Arizona, Sacaton
Mr. French Gilman
"North side of Gila R. 8 miles
north of Sacaton Indian Agency.
Was growing out on plains
about 4 miles from hills."

California, 10 miles S.E. of May 17, 1913
Bakersfield near Edison.
D.T. MacDougal and W.A.
Cannon.

Venezuela, Bosque de Catuche
H. Pittier #6147

#6148

Florida, Knights Key
Paul Bartock

13.114 *Opuntia* 10420
 Cylindrop 2

13.115 " *Platiop.* Dead
 2

13.116 *Opuntia molesta* 10424

13.117 " *leptanthra* Dead
 1

13.118 " *elongata* 1

13.119 " *vestita* 1
1 destr.

13.120 " *rubescens* 1

13.121 " 1

13.122 " 1
+ destr.

13.123 " *repens* 1
 dead, destroyed.

13.124 " 1

13.125 " *curassavica* 1

Florida, Knights Key
 Paul Bartock
 Loggerhead Key, Dry Tor-
 tugas.

Italy, La Mortola, A. Berger.
 Ny. Blyard. #36299
 (do.)

" #36300

" #36269

" #36301

West Indies, St. Thomas

N. L. Britton #1400 Ny. Bly. #37160

" Curaçao

Britton & Shafer #2904 Ny. Bly. #37386

" Buck I., St. Thomas

N. L. Britton #1388 Ny. Bly. #37155

" Porto Rico

N. L. Britton #1861 Ny. Bly. #37249

" Curaçao.

Britton & Shafer #2903 Ny. Bly. #37385

" St. Thomas

N. L. Britton #96 Ny. Bly. #37167

1913

13.126.	Opuntia	10424
13.127	" Kunzei	/
13.128	" tomentosa	/
13.129	Eccremocactus Bradei	/
13.130	Rhipsalis	/
13.131	" Wercklei	/
	destr.	/
13.132.	" pentaptera	/
13.133	Leptocereus arboreus	/
13.134	Harrisia gracilis	/
13.135	Leptocereus asurgens	/
13.136	Cereus polyrhizus	/
13.137	Mamillaria simplex	3
	Dead to preserve	

West Indies, St. Thomas		1913
N. L. Britton #95	nybg. #37161	
Arizona, near Gunsight Mts.		
R. E. Kunze.	nybg. #36494	
Bermuda I.		1912.
N. L. Britton 1199	nybg. #37031	
Costa Rica, San José, (cult.)		1906.
W. R. Maxon #21	nybg. 24949.	
" "		1906
" #23	nybg. #24943	
" "		1906.
" #22	nybg. #24952	
?		1908
C. R. Berger(?)	nybg. #29930	
Cuba, Castillo de Jagua		
Britt. & Lowell 10298	nybg. #33437	
Jamaica		
N. L. Britton #3070	nybg. #29696	
Cuba, Marianao		1912.
Bro. Leon	nybg. #36223	
Colombia		1902.
Weinb.	nybg. #14641	
West Indies, Curacao		1913
Britt. & Shafer #3085	nybg. #37396	

13.138	<i>Leptocereus quadricostatus</i>	1	10424
13.139	<i>Harrisia eriophora</i>	1	
13.140	<i>Acanthocereus</i>	1	
13.141	<i>Harrisia Taylori</i>	1	
13.142	<i>Selenicereus</i>	2	
13.143	<i>Leptocereus Leoni</i>	1	
13.144	<i>Hylocereus trigonus</i>	2	

13.145	<i>Opuntia</i> ("basilaris") <i>treleasei</i>		10426
	Platiop. ded	3	
13.146	" ("Parryi") <i>Echinocarpa</i>		
	Cylindriop	2	

13.147	<i>Weberocereus Bidleyi</i>	4	10425
13.148	<i>Rhipsalis Tonduzi</i>	7	
	1 destr. 1 dead destr.		

<u>Porto Rico.</u>			1913.
N. L. Britton #851	nyBly. #37242		
<u>Cuba, Mariel</u>			
N. L. Britton #7600	nyBly. #32905		
<u>West Indies, St. Thomas, rubbish bank</u>			1913
N. L. Britton #472	nyBly. #37186		
<u>Cuba, Guantanamo</u>			1909.
N. L. Britton #153	nyBly. #30142		
" El Cobre			1912.
B. & C. #12879	nyBly. #35226		
" Sierra de Anafe			1912.
Bro. Leon #2819	nyBly. #35264		
<u>West Indies, St. Thomas</u>			1913.
N. L. Britton #1393	nyBly. #37178		

<u>California, Kern Co., N.W. of Willow Spring, Mojave Desert.</u>			May 17, 1913.
D. G. MacDougal			

<u>Costa Rica, San Ramon</u>			
A. Tonduz #901			
"			
" #900			

Siberia

13.149. *Cereus Wercklei* 1 dead 10425

13.150 *Phyllocactus* ^{*Eccremocactus bradei*} 3 H.M.

13.151 *Cereus Weberocereus* 1

13.152 *Eccremocactus Bradei* 1

13.153 *Opuntia* 1

13.154 *Phyllocactus* 1

13.155 *Mammillaria Wissemanni* dead 10431

13.156 *Weberocereus tunilla* 10424.

13.157 *Opuntia leptanthra* 10428
(From Weber's type spec!)

13.158 *Opuntia* 10429

Costa Rica, Volcan Miravalles (Guanacaste)

Carlos Villar #836.

" Llano Grande de Puriscal

O. Jiménez #905.

" San Ramón

A. Tonduz #903

" Bosques de Caraca (Puriscal)

O. Jiménez #904

" Tempisque (Guanacaste) See letter of 6/17/13

O. Jiménez #902.

" San Ramón

A. Tonduz #906.

Texas, vicinity of Fort Worth, probably.
A. Ruth.

Costa Rica.

Werckle

N.Y.B.G. #22023

1905

Italy, La Mortola, Ventimiglia
Lady Hanbury.

May 1913

California, Mill Creek Cañon, near San Bernardino, 6000 ft. alt.
S.B. Parish May 23, 1913

13.159 *Myrtillocactus*
(Beeds)
(Ded.) 10479

13.160 *Opuntia leuocardia*
(*Cylindrop.*) 5 10464

13.161 " (Platip.) 1 destr. 3

13.162 " " 3

13.163 " " 3

13.164 *Opuntia*
(*Cylindrop.*) 1 destr. 3 10464

13.165 " " 3

13.166 " *chlorotica*
(Platip.) 1 ded. 1

13.167 *Echinocereus engelmanni* 2

13.168 *Mamillaria dioica* 2

13.169 *Echinocactus cylindraceus* 2

13.170 *Opuntia*
(*Cylindrop.*) 3

Mexico, Oaxaca, Cerros de Quin-
tepec. C. Conzatti.
"Padrenuestra"

California, Elsinore, Riverside Co. May 21, 1913
D.T. MacDougal.

Near San Diego.

Temecula, Riverside Co.

" Near Campo, 3700 ft. alt. May 23, 1913
MacDougal, Free, & Jones

" Jacumba 2500 ft. alt.

East of " 2000 ft. alt.

Between Campo & Jacumba 3500 ft. alt.

"Eastern dry slopes" alt. 2000 ft.

" " "

E. of Jacumba 2000 ft. alt.

13.171 *Opuntia*
(*Cylindrop*) 1 destr. 10464

13.172 *Opuntia echinocarpa*
1 destr. 10484

13.173 *Opuntia opuntia*
1 destr. 2 10467

13.174 *Hylocereus ocamponis*
1 destr. 10479

13.175 *Epiphyllum*
1 destr. 1

13.176 *Hylocereus tricoatus* 1

13.177 *Selenicereus Boeckmanni* 1

13.178 " *hamatus* 1

13.179 *Myrtillocactus geometrizans*
(only spec. sent to Geo. S. Stone,
2-1-16) 1

California, near Jacumba
MacDougal, Free, & Jones May 23, 1913

California, Carriso Creek, near
Salton Bank 100 ft. below sea-
level. MacDougal, Free, &
Jones. May 25, 1913.

Virginia, Wallops Island.
W. L. McAtee May 29, 1913

Mexico, Oaxaca, Cañon Matateugo
Istmo Tehuantepec. Jan. 19, 1913.

C. Conzatti #104
Pircon Antonio Jan. 20, 1913

Orizaba, Nogales #23 Jan. 13, 1913

Oaxaca, Cañon Matateugo " 19

Istmo Tehuantepec
Orizaba, Rio Blanco " 15

Oaxaca, Cerros de Quiotepec May 9, 1913

13.180 *Escontria* 10479

13.181 *Lemaireocereus Weberi* (Cult.)

13.182 *Cereus*
1 destr.

13.183 *Pediocactus Simpsoni* 10470

13.184 *Pereskopsis* 10479

13.185 *Pereskia Conzatti*
(Seeds)

13.186 *Opuntia Bentoni* ? 10473

13.187 *Opuntia ramosissima* 10477(?)
(1 dead destroyed)

13.188 " *bernardinia*

13.189. " *magenta Vaseyi*

13.190 " 2

Mexico Oaxaca, Cerros de Quistepac
C. Conzatti

May 9, 1913.

Wyoming, Laramie
Aven Nelson

Mexico, San Juanito, Oaxaca.
C. Conzatti

April 1913.

Louisiana, Houma
E.C. Wurzlow.

California, near Victorville
D.T. Mac Dougal
San Bernardino

"

"

(13.190 *Acanthocereus*)
See 13.195 10472

13.191. *Cephalocereus russelianus* 2

13.192. *Pereskia guamacho* 2

13.193. *Opuntia elatior*
(Platiop.) 3

13.194 *Mamillaria Boasana* 10476

13.195 *Acanthocereus* 10472

13.196 *Manfreda picta* 10468

13.197 *Echinocereus Engelmanni* 10477
decoloratus 2

13.198 *Opuntia Bigelovii* 3

13.199. " *echinocarpa* 1

Venezuela, vicinity of Caracas
H. Pittier 6181 (6150?)

6181

#6179

#6011

Germany Halle (Saale)
L. Quehl.

Venezuela, vicinity of Caracas
H. Pittier 6181

Georgia, Midville
J. W. Bunn

May, 1913.

California, near Palm Springs, 1000 ft. May 29, 1913
D. T. MacDougal
San Geronimo Pass

13.200	<i>Opuntia basilaris</i>	10477
	1 destr.	
13.201	" " <i>ramosa</i>	
		1
13.202	<i>Echinocactus cylindraceus</i>	
	Dead & preserved	2

13.203	<i>Opuntia franciscana</i> sp. nov.	10483
		2

13.204	<i>Echinocereus Tidestromii</i>	10483
		1
13.205	" <i>aggregatus</i> Engelm.?	
		1
13.206	" " ?	
		1
13.207	" <i>Engelmannii</i> var.	
		1
13.208	<i>Opuntia</i>	
		1
13.209	" <i>basilaris</i>	
		1
13.210	" " ?	
		1

California, Palm Springs or Gorgonio Pass.
 D. T. MacDougal
 " " "
 near Palm Springs, 1000 ft.

Arizona, Flagstaff, 12 miles N.E. June 4, 1913
 of Black Bell Park, 6800 ft.
 E. A. Goldman #2046

Arizona, Grand Cañon, Bright Angel Trail 6000 ft. May 31, 1913
 E. A. Goldman #2037 (#1)
 " " 5000 ft.
 #2038 (#2)
 " " 3800 ft.
 #2039 (#3)
 " " 3800 ft.
 #2040 (#4)
 " " 4500 ft.
 #2041 (#5)
 " " 2500 ft.
 #2042 (#6)
 " " 3800 ft.
 #2043 (#7)

13.211. *Opuntia hystericina* 10483
1 destr.

13.212 *Opuntia whipplei* 10483
1

13.213 *Dudleya lanceolata* (Nutt.) Britt. ~~sp.~~ 10487
2

13.214 *Opuntia* 10489
Platop. fls. yellow 2

13.215 " (fls. magenta) 2

13.216 " *basilaris* 1

13.217 *Echinocereus Tidestromii* 2

13.218 *Opuntia whipplei* 2
1 dead, destroyed

13.219 *Manillaria Arizona* 1
1 destr.

13.220 *Opuntia Tuna* 10488
5

Arizona, Grand Cañon, Bright Angel Trail 3800 ft. May 31, 1913
#2044 #8

Arizona, Flagstaff, 12 miles N.E. of June 4, 1913
Black Bell Park. E.A. Goldman
#2047 6800 ft. alt.

California, between Santa Monica & Redondo; sand dunes along beach. H.E. Hasse

Arizona Grand Cañon, rim of Limestone soil, June 1913
Forrest Shreve.

Grand Cañon, Indian Garden, 3900 ft.

" , Bright Angel Trail

" , rim of.

Ash Fork, common above 5500 ft.
along line from Prescott to Ash Fork.
Grand Cañon, rim of.

Jamaica, Kingston. 1913
W. Harris, Thru my 134.

13.221 *Pereskia* 10490
4

13.222 *Opuntia* 2

13.223 *Manullaria Emskötteriana* Quehl. 10499
1

13.224 " *strobiliformis* 1

13.225 " " *caespitosa* Quehl. 1

13.226 *Opuntia* 10497
♂ Platop. 1

13.227 *Opuntia* 10497
1 det. ♂ *Cylindrop.* 3

13.228 *Epiphyllum* 10493
3

Venezuela, Caracas.
H. Pittier

Kansas, Winfield
Mrs. S. E. Phillips

Germany, Halle (Saale)
L. Quehl.

Arizona, Walnut Canyon, 10 miles June 15, 1913
S.E. of Flagstaff.
E. A. Goldman #2083

New Mexico, Tularosa, sand flats June 15, 1913
northwest of town. Stolley Ligon.

Guatemala, Chajcar May 1913.
Baron v. Türrckheim

13.229. *Pediocactus Simpsonii* 10492

13.230 *Opuntia* 1 dead, destroyed
Platop. 3

13.231 " 2

13.232 *Echinocereus*
"C. phoeniceus" var. *inermis* 1

13.233 *Yucca* *Harrimanii* Trelease.
(all ^{but one} sent to NYBG.) 7

13.234 *Epiphyllum* ✓

13.235 *Opuntia* 10494
1 destr. 2

13.236 *Opuntia jamaicensis* 10495
4

13.237 *Mamillaria similis* 10496
2 destr. 1 destr. 12

13.238 *Hydrocotyle rotundifolia* Roxb. ✓

Utah, near Moab.
M. E. Jones

Obtained by Mr. Fraile from
Chicago

Florida, St. Cloud.
J. T. Beares

West Indies, Jamaica
Harris, thru NYBG.

Texas, Polytechnic, Tarrant Co.
A. Ruth

Growing in Greenhouse of Agr. Dept.
All sent to NYBG. June 1913.

13.239 *Opuntia* 10496
destr. Platop - seedlings 3

13.240 *Cereus* 10498
1

13.241 *Pilocereus* 1

13.242 *Cleistocactus* 7

13.243 *Opuntia* 1

13.244 *Stenomeson* ? 3
Bulbs

13.245 *Opuntia Opuntia* 10502
destr. 10

13.246 *Opuntia* 10500
3 Platop. 4

13.247 *Echinocereus* 1

13.248 *Opuntia Franciscana* 10505
Platop (Ny. & Herb. only) 1

13.249 *Echinocereus aggregatus* 1

Texas, Polytechnic, Tarrant Co.
A. Ruth

Peru, mountains S.E. of Nasca March, 1913
A. Hrdlicka

West Virginia, Moorefield
Dr. H. McS. Gamble.

Colorado, Salida July 1, 1913.
R. S. Plimpton

Arizona, Flagstaff July 1913.
J. Shreve

- | | | | |
|--------|----------------------------------|--------|-------|
| 13.250 | <i>Opuntia</i> | | 10506 |
| | | 2 | |
| 13.251 | <i>Gosseliniana</i> | | |
| | | 2 | |
| 13.252 | " | | |
| | 1 destr. | 2 | |
| 13.253 | <i>Lemaireocereus Thurberi</i> | | |
| | Ded, see Herb. | 1 | |
| 13.254 | <i>Opuntia arbuscula</i> | | |
| | | 5 | |
| 13.255 | " " | | |
| | 1 destr. | 3 | |
| 13.256 | <i>Echinocereus Engelmannii</i> | | |
| | | 1 | |
| 13.257 | <i>Pachycereus Pringlei</i> | | |
| | | 1 | |
| 13.258 | <i>Opuntia fulgida</i> | | |
| | | 2 | |
| 13.259 | <i>Lophocereus Schottii</i> | | |
| | (Seeds only) 1 ded | 2 | |
| 13.260 | <i>Mamillaria Swinglei</i> | n. sp. | |
| | | 2 | |
| 13.261 | <i>Echinocereus Penderli</i> | | |
| | | 1 | |
| 13.262 | <i>Opuntia mamillata Engelm.</i> | 2 | |

Mexico, La Cienega. alt. 1800 ft. June 9, 1913
 L. N. Goodding #1370
 #1371

#1372

#1374

#1376

#1377

#1378

#1379

#1380

#1381

#1382

#1382^a

#1383

13.263 *Opuntia opuntia* 10507
1 destr. 3

13.264 *Opuntia* 10510
3

13.265 *Cactus caesius* (Wendl.) 10527
1

13.266
Seeds

13.267 *Epiphyllum*
plants 100 flowered not 1919 3 + June 1920

13.268 *Rhipsalis pittieri* 2

13.269 *Lemaireocereus* 1

13.270 *Pereskia grandifolia* Haw. 3
2 ded.

13.271 *Cereus* 1

13.272 *Harrisia* 1
1 destr.

13.273 *Acanthocereus* 3
1 destr.

Alabama, Leighton, Colbert Co.
E. G. Holt.

Alabama, Elkmont, Limestone Co. July 14, 1913
Ernest G. Holt.

Venezuela, near Maquetia, La Guayra. July 11, 1913.
H. Pittier #6479

around El Palito, near July 2, 1913
Pto Cabello #6442

Borburata, near Pto Cabello July 14, 1913
#6466

" " " "

#6467

Between El Higzag + Caboblanco, near La Guayra " 11, 1913
#6468

Maquetia, near La Guayra " "
#6469

Between El Higzag + Cabo Blanco #6470

" "

#6472

" "

#6473

13.274	^{Lemnos} Cereus	1	10527
13.275	" "	1	
13.276	Opuntia 1 destr. Platan.	3	
13.277	" "	3	
13.278	Cactus	2	
13.279	Manillaria Dead & preserved	2	
13.280	? Cereus	2	
13.281	Rhipsalis 6 destr.	7	

13.282	Epiphyllum grande	1	10535
13.283	Cereus monacanthus Lem.	1	
13.284	Cereus 1 destr. Silvestrii Speg.	1	
13.285	" rigidus Lem.?	1	

Venezuela, between El Higzag & Cabo Blanco	July 11, 1913
H. Pittier #6474	" "
" #6475	" "
" ? 6476	" "
" #6477	" "
" #6478	" "
" #6471	" "
H. Pittier, around El Palito.	July 2, 1911
#6454	" "
" #6452	" "

Germany, Georgenthal.
W. Weingart.

- | | | |
|--------|--------------------------------------|-------|
| 13.286 | <i>Cereus</i> | 10535 |
| | <i>radicans</i> DC. | / |
| 13.287 | <i>Epiphyllum</i> | |
| | <i>Purpusii</i> Weing. | / |
| 13.288 | <i>Cereus</i> | |
| | <i>Boeckmannii</i> Otto | / |
| 13.289 | " | |
| | <i>destr.</i> <i>martianus</i> Yucc. | / |
| 13.290 | " | |
| | <i>pentagonus</i> Hort. | / |

- | | | |
|--------|---------------------|-------------|
| 13.291 | <i>Opuntia</i> | <u>Dead</u> |
| | <i>Cylindrop.</i> | 4 |
| 13.292 | " | |
| | <i>Platop.</i> | / |
| 13.293 | <i>Echinocereus</i> | / |
| 13.294 | <i>Opuntia</i> | |
| | <i>Platop.</i> | 2 |
| 13.295 | <i>Mamillaria</i> | / |
| 13.296 | <i>Opuntia</i> | |
| | <i>Cylindrop.</i> | / |
| 13.297 | <i>Mamillaria</i> | / |

Germany, Georgenthal
W. Weingart

Arizona, Mule Mts.
L. N. Goodding 1410

July 8, 1913.

1411

1412

1413

1414

1427

1428

13.298 *Opuntia*
dead. Platop. 2

13.299. " " 2

13.300 *Echinocereus*.
dead destroyed

13.301C *Opuntia procumbens* 10541
Platop. 1

13.302C " " 1

13.303C " " 1

13.304C " *Franciscana* 1

13.305 *Mamillaria* 12

13.306 *Epiphyllum* 10527

13.307 " 1 dead, destroyed. 3

#1457

#1458

#1459.

Arizona, Mt. Elden 7000 ft. July 17, 1913
E. A. Goldman #2146

#2147

Black Bill Park, 12 mi. N.W. of Flagstaff.

#2151

5 mi. S. of Mt. Elden 6500 ft. July 19, 1913.

#2152

Texas, near the valley of Trinity R., July 1913.
vicinity of Polytechnic, Tarrant Co.
A. Ruth

Venezuela, around El Palito July 2, 1913.
H. Pittier #6455

" " #6456

13.308	Cactus	10527
13.309	"	2
13.310	^{Coffo} Cereus 1 destr.	3 2
13.311	" ^{Lamaria} 1 destr.	1
13.312	Cereus 1 destr.	2
13.313	Opuntia 1 destr. Cylindrop.	2
13.314	" 1 destr. Platop	2
13.315	"	1
13.316	Acanthocereus	1
13.317	Cereus?	1
13.318	" 2 destr.	2
13.319	Cephalocereus sanctus	2

Venezuela, Barquisimeto, on plain June 26, '13
H. Pittier #6410

" #6411

" #6412

" #6413

" #6414

" #6415

" #6416

" #6417

" #6418

Around El Palito, near Puerto July 2, 1913
Cabello #6435

" #6438

" #6439

13.320	Cephalocereus	10527
13.321	" (1.1.20)	1
13.322	Acanthocereus (or Lemniscocereus)	1
13.323	Acanthocereus	1
13.324	Hyllocereus	3
13.325	Acanthocereus 1 destr.	2
13.326	Acanthocereus	1
13.327	Cactus 1 destr. Dead & preserved	2
13.328	Opuntia Platop.	3
13.329	" 1 destr. "	1
13.330	"	2
13.331	Pereskia 1 destr.	1

Venezuela, around Puerto Cabello	July 2, 1913
H. Pittier #6440	
around El Palito, near	
Pto. Cabello #6441	
" #6442	
" #6443	
" #6444	
" #6445	
" #6446	
" #6447	
" #6448	
" #6449	
" #6450	
" #6453	

13.332 *Opuntia* Dead 10526

13.333c " *vestita* 1

13.334c " *Turpini* 1
2 destr.

13.335c " *foliosa* 2

13.336c " *Verschaffeltii* 1
1 destr. 2

13.337c " *Lemaireana* 1

13.338c " *velutina* 1

13.339c " *pes-corvis* 1

13.340c " *molesta* 1

13.341c " *alcalas* Dead 1

13.342 *Opuntia exaltata* 1

13.343c " *puberula* 1

13.344 *Opuntia depcta* 3

[Lower California, San Felipe N.Y.B.G. 20046
D.P. MacDougal, 1904.

Italy, La Mortola 38684

Lady Kath. Hanbury 38685

38686

38687

38688

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38695

- 13.345c *Opuntia crinifera* 10526
 13.346c " *parva* 1 dead. 1 destroyed. Dead
 13.347c *Opuntia cardioperma*
 13.348c " *inaequilateralis*
 13.349c *Opuntia Quitensis*
 1 destr.
 13.350c " *cholla*
 1 destr.
 13.351c " *Miquelii*
 13.352c " *nigricans*
 1 destr.
 13.353c " *stenopetala*
 13.354c " *gymnocarpa*
 13.355c " *haematocarpa*
 13.356c " *glaucescens*
 13.357c *Opuntia Bergeriana*

Italy, La Mortola N.Y.B.G. 38696
 Lady Rath. Hanbury.

38697

38698

38699

38700

38701

38702

38703

38704

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38707

38708

38709

13.358c *Opuntia Beckeriana* 10526

13.359c *Opuntia sulphurea*

13.360c " *decumana*

13.361c " *Hanburyana*

13.362c " *diplocantha*

13.363c " *elongata*

13.364c " *spinulifera*

13.365c " *Winteriana*

13.366c " *Schumannii*

13.367c " *gilva*

13.368c *Opuntia megacantha lasiacantha* Dead

13.369c " *Xacuapaneensis*

13.370 *Furcraea elegans* (seeds)

Italy, La Mortola Nyp. 38710
Lady Kath. Hanbury.

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13.371c *Opuntia leptantha* Dead 10526.

13.372c " *Dillenii* 2

13.373 *Cactus caesus* (Wendl.) 10527
(Seeds of 13.265)

13.374c *Epiphyllum anguliger* 10528

13.375c " *crenatum*

13.376c " *Hookeri* Dead 2

13.377 " *P. thomasiianus* 2

13.378 " *"P. strictus"* 2

13.379 " *"P. ackermanni"* 1

13.380 " *"P. phyllanthoides"* Dead 1

13.381 " *"P. cartagensis Weber"* 3

Italy, La Mortola
Lady Kath. Hanbury.

Venezuela, near Maiguatira, La Guayra July 11, 1913.
H. Pittier #6479

England, Alexandra Park, Man-
chester. Robt. Lamb, Gen. Supt.

13.382 Epiphyllum 10528
"Species No. 1, sent to us
as P. latifrons" 1

13.383 Epiphyllum
"Species No. 2, from
Costa Rica" 2

13.384 Opuntia 10529
Platop. (all to N.Y.B.G.) 1

13.385 " 2

13.386 Opuntia 10536
1 destr. Platop. 2

13.387 Coryphantha 10536
3

13.388 Opuntia
(Spec. gone to N.Y.B.G.) 1

13.389 Opuntia 10543
3 Platyp 1

England, Alexandra Park, Man-
chester. Mr. R. Lamb, Gen. Supt.

Louisiana, about 37 miles below Aug. 3, 1913.
Houma, near mouth of Bayou
Terrebonne.
E. C. Wurzlow

Maryland, Plum Point Aug. 10, 1913.
W. L. McAtee

Arizona, Anderson Mesa, 30 mi S.E. of July 31, 1913
Flagstaff. E. A. Goldman #2194
#2195

Arizona, Grand Cañon Aug. 16, 1913
E. A. Goldman #2199

13.390 *Acanthocereus pentagonus* 10527
(all same) (Seeds)

13.391 *Echinocereus viridiflorus*?
1 destr. 3

13.392 *Opuntia* 10701
3 *Platyop.* /

13.393 " " /
1 destr.

13.394 " " /

13.395 " " /

13.396 *Mamillaria* /

13.397 *Opuntia*
Platyop. 1 dead, destr. 2

Venezuela, H. Pittier.

"Miscellaneous cactus seeds,
from either Barquisimeto
or El Palito. With Mr.
Pittier's shipment, July, 1913.

New Mexico, Vermajo Park. 7600 ft. Sept. 2, 1913
"Not uncommon." Colfax Co.
E. O. Wooton

Arizona, Grand Cañon, close to Aug. 29, 1913
Indian Gardens. E. Goldman #2201

#2202

#2203

#2204

North Dakota, Steele. Cultivated. Sept. 1913
W. R. Pitch #1

Steele, cultivated on Sept. 1913
farm of M. D. Matthews.
Originally brought from about
17 miles south and a little
west of Steele, where it grows

13.398 Opuntia 1 dead, destroyed
Platyop 3

13.399. Opuntia
Platyop. 1

13.400 Epiphyllum 1 destr. 2 10658

13.401 "
(Seeds of 13.400)

13.402 Opuntia 10722
3 Platyop. 1 destr. 1

13.403 " 1 destr. " 1

13.404 Opuntia 10587
3 Platyop 1

13.405. Opuntia 10589
3 Platyop 6.
(H sent to N.Y.B.G.)

wild. W.R. Fitch # 2
13 miles south (a little
west) of Steele, growing wild
in clumps about 3 ft. in
diameter and less. (fruit)

Sept. 7, 1913

W.R. Fitch # 3.
Napoleon (wild)
W.R. Fitch # 4

Sept. 9, 1913

England, Manchester, Alex - Sept. 1913
andria Park. R. Lamb.

Florida, St. Cloud.
J.T. Bearss # 1

Sept. 1913

2. rd. 1

Utah, Hinckley.
Marcus E. Jones

Sept. 1913.

Colorado, La Junta
J.N. Rose 17501

Sept. 26, 1913

13.406 *Opuntia polyacantha* ✓
(Seeds)

13.407 *Opuntia* 10722
§ *Platyop* /

13.408 *Hymenocallis galvestorensis* 10597
Baker /

13.409 *Echinocereus* 10701
/

13.410 *Opuntia*
§ *Cylindrop.* Dead

13.411 " § *Platyop.* /

13.412 *Mamillaria* /

13.413 *Opuntia* destr. /
§ *Cylindrop.* (all in herb.) /

13.414 *Crassulaceae*
dead destroyed

13.415 *Aporocactus flagelliformis*
10

Montana, Malta Oct. 1913
Mrs. Dan Hansen

Florida, St. Cloud Oct. 1913.
J. T. Bearss.

Louisiana, Houma.
E. C. Weylow

Arizona, Aubrey Valley, 10 miles N. of Sept. 18, 1913.
Pica, 5600 ft. E. A. Goldman #2266

Prospect Valley, Hualpi Indian Sept. 30, 1913.
Reservation, 4500 ft. #2268

(do) 5000 ft. #2269

(do) 4500 ft. #2270

(do) 6800 ft. #2272

Maine, Bluehill Oct. 1913.
W. R. Maxon

Mexico, Contreras, D. F. Sept. 10, 1913
Wm. Brockway

13.416 *Opuntia* Dead
1 destr. § *Cylindrop.* 10

13.417 *Opuntia* *Bentonii* 10597
2

13.418 *Opuntia* 1 dead, destroyed
§ *Platyop.* 2

13.419 *Cereus* Dead
3

13.420 - *Echeveria* *Flavida* Jan 1922 10595
Dudleya candida Britton

13.421 - *Stylrophyllum* *Oreanthii* Rose
1 destr. 4

13.422 *Dudleya*
1 destr. 1

13.423 "
1 destr. 1

13.424 *Echinocereus* *Engelmannii* 10596
1

13.425 *Opuntia* *acanthocarpa*
Cylindrop. 1

Kansas *Garden City*
C. H. Popenoe (?)

Sept. 24, 1913.

Louisiana *Houma*
E. C. Wurzlow

Oct. 1913.

Kansas *Dodge City*
George Horchderffer.

Mexico *Contreras, D. F.*
Wm. Brockway

Sept. 10, 1913.

Mexico *Coronado Islands*
S. B. Parish #8830

Oct. 19, 1913

#8831

#8832

#8833

Arizona *Kingman*
C. H. Popenoe

13.426 *Opuntia whipplei* 10596
Cylindrop 1
 13.427 ^{destr.} " *hystrixina* 4.
 13.428 " *Platyop* *basilaris* 1
 " 1

13.429 *Opuntia littoralis*? 10595
 Seeds.

13.430 *Mamillaria* 10599
~~Dead & preserved~~ 1

13.431 *Echinocereus*

13.432 ^{destr.} *Opuntia Roseana* 2
^{ded.} ~~Dead~~ 2

13.433 " *Mackensenii*

13.434 *Opuntia* 10702
 3 *Platyop* 1 destr. 3 ~~Dead~~

13.435 *Mamillaria*
 1 destr. = 13.412 Seeds

Arizona, Kingman
 C. H. Popenoe.

Mexico, Coronado Islands. Oct. 1913
 P. B. Parish

Texas, Lytle, 23 miles S.W. of Nov. 1, 1913.
 San Antonio. B. Mackensen

From private collection

Florida, Croom, Hernando Co.
 C. W. Piper

Arizona, Hualpi Indian Reser-
 vation E. Goldman.

13.436 Echinocactus 10598
Cylindropuntia

13.437 Nolina Parryi ✓
(Seeds)

13.438 Opuntia pulchella 10606
1 destr. 3

13.439 Cereus 10607
1

13.440 Mamillaria
1 destr. (Seeds of 13.412)

13.441 Opuntia 10626
Cylindrop ~~Seeds~~ 5

13.442 " " my 5

13.443 Cleistocactus Baumannii Lem. ✓
(Seeds)

13.444 Cereus ✓
1

Mexico, Oaxaca, Salina Cruz. Oct. 20, 1913
C. Conzatti 151^a

Arizona, Grand Cañon Sept. 30
E. A. Goldman #2271

Nevada, Reno Nov. 13, 1913
P. B. Kennedy

West Indies, Isle of Pines.
O. E. Jennings

Arizona, Hualpi Indian Reservation
E. A. Goldman

California, San Bernardino Nov. 19, 1913.
P. B. Parish

South America, Argentina
Weinberg, 1908. NYBG. 29544.

All sent to E. D. Sturtevant, Origin unknown
Hollywood, Cal. 12/10/13.

13.445 *Macrozamia*
(Fruits)

4

13.446 *Opuntia*
1 destr. 8 Platop.

10631

13.447 " *Quitensis*
1 destr. "

1

13.448 *Crassulaceae*
Crassula lactea (Rosa)

1

13.449 *Sedum*
1 destr.

10635

13.450
1 destr.

13.451 1 dead, destroyed.

13.452.

13.453 *Opuntia Davisii*
1 destr.

10640

13.454 *Rhipsalis*

New Zealand near Springsure,
Queensland. Leg. Mr. Clements
Sent by Parke, Davis, & Co.
(O. A. Farwell)

Oct. 1, 1913.

NyBGard. 01744
F. M. Curtis 1897
NyBGard. 6098
Limon - 1901 - C.T. OZ

Presented by Mr. Swiggett,
Washington, D.C.

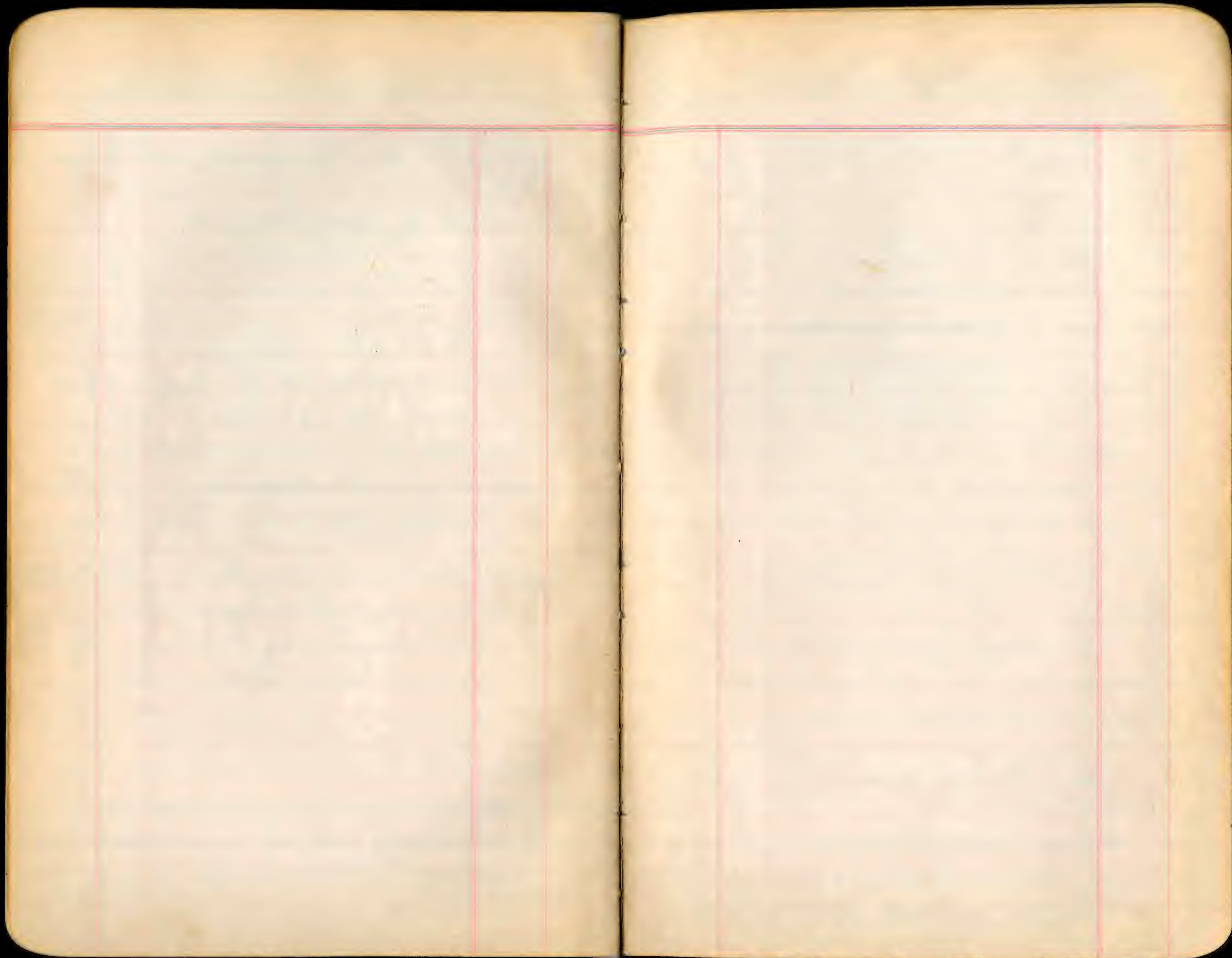
Mexico, Michoacan, Morelia.
#1 Sent from Legand,
#2 France, by G.
Thomas-Davis.
#3

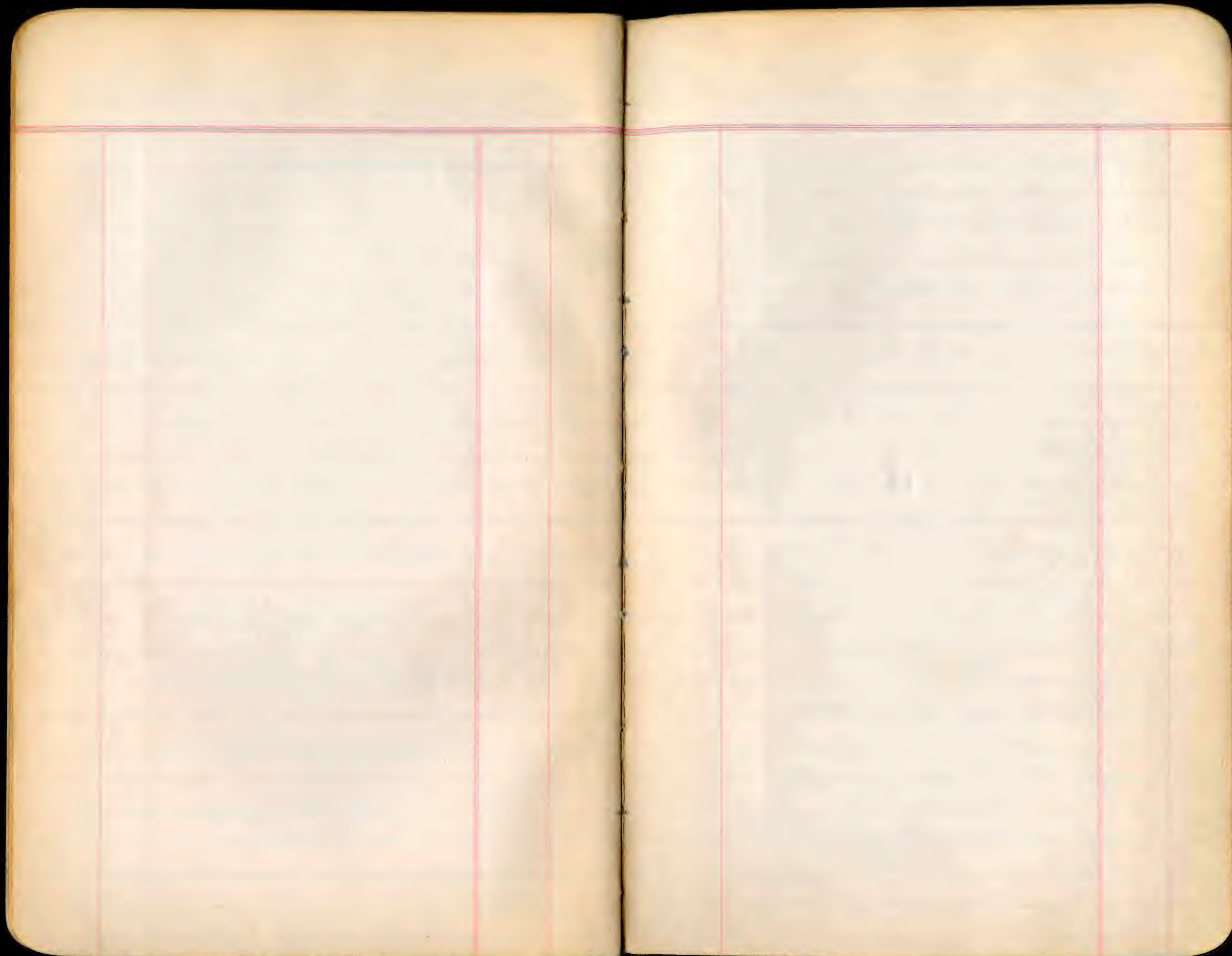
Dec. 1913.

Texas, Abernathy, Hale Co.
Through B. Mackensen

Dec. 25, 1913.

Probably from Venezuela (Pittier) May be
same as 13.268.
Wrongly marked 13.187





- 14.1 *Opuntia* ~~10639~~ ¹⁰⁶⁴⁰
 near *microdasys* 1
 14.2 *Myrtillocactus geometrizans* 1
 14.3 *Mamillaria sphacelata* 2
 14.4 *Aporocactus flagelliformis* 2

- 14.5 *Dudleya* 10648
 1 destr. 2 to NY 4
 14.6 *Opuntia Kunzei* all to NY 1
 14.7 " *acanthocarpa* all to NY. 1
 14.8 " *ramosissima* (all to herb.) 1
 14.9 *Mamillaria phellosperma* 1
 14.10 *Opuntia Bigelovii* all to NY. 1
 14.11 " *microdasys* all to NY 1

Mexico, near Xócalo, Tehuacán. Dec. 18, 1913
 C. Conzatti
 Tomellin Cañon (Quistepec)

"
 Road to Ixtlan, Oaxaca.

Arizona, Tinajas Altas Dec. 1913
 E. A. Goldman #2297
 Tula Tanks Dec. 4

#2299

#2301

#2302

#2303

#2304

Tinajas Altas.

14.12 *Rhipsalis Tonduzii* Weber ✓
1 destr.
14.13. c " "
(Seeds)

14.14 *Rhipsalis squamulosa* 10654
2

14.15 *Pediocactus Simpsonii*

3

14.16 *Opuntia Greenei*

2

14.17 c " *arbuscula*

1

14.18 *Sedum oxypetalum* H.B.K. 10662

3

14.19 *Echeveria gibbiflora* DC.

1

14.20 c *Mamillaria elegans*

1

14.21 " *sp. ded.*

2

14.22 *Heliocereus speciosus*

4

Costa Rica forests of San Ramon April-May 1913
A. Tonduz

Berger [C.R.]
NYBG. 29931. 1908.

Colorado, Salida
R. S. Plimpton

Jan 1914

Mexico, Mixcoac

Arsenio Brouard.

Feb. 3, 1914.

Pedregal de San Angel

Thyctoe

14.23 *Pereskia serpentina* 10662

4

14.24 *Opuntia tunicata*

5+

14.25 " 1 destr.

6

14.26 *Selenicereus* 10667

Boeckmannii ?

2

14.27 *" hamatus* Britton & Rose

2

14.28 *Aporocactus*

2

14.29 " "

1

14.30 *Epiphyllum*
(Dead 3/13/14)

1

14.31 *Opuntia*
& *Platyop.* 10719

1

14.32 *Opuntia humifusa* Raf. 10681

1 destr.

4

Mexico, Pedregal de San Angel. Feb. 3, 1914.
Arsenio Brouard.

Mexico, Oaxaca, Rincon Antonio
C. Conzatti
Orizaba

Oaxaca, Ocotlán

" "

Oaxaca, Villa Alta

India, Dehra Dun, U. P. Jan. 5, 1914.
Forest Research Institute
Punjab. R. N. Parker.

Indiana, Lake Maxinkuckee. March, 1914.
Collected for Dr. Evermann by
Russell Goldner.

14.33 c *Pfeiffera janthothela* Weber 10687

14.34 c *Mamillaria dumetorum* Purpus

14.35 c " *glochidiata* Mart.

14.36 c " *Schelhasi* Pfeiff.

14.37 c " *fusco-atra* Otto
1 destr.

14.38 c " *multiramata* Bodeker

14.39 *Cereus Straussii* Vaupel.

Specimen dead.

14.40 c *Opuntia triacanthus* 10691
1 destr.

14.41 c " *moniliformis* (L.)

14.42 *Cephalocereus royeri*

14.43 *Harrisia*

14.44 *Lemaireocereus hystrix* 2

Germany, Halle (Saale)
L. Quehl.

March 1914.

dead & preserved

West Indies, Desecado I.
Britton & Cowell #1565

1914

#1566

#1598

#1599

#1643

14.45 *Coryphantha niveosa* 10691
1 sp. ded. 2

14.46 *Harrisia* 1

14.47 *Cephalocereus Royeni* 1

14.48 *Coryphantha niveosa* 1
1 destr.

14.49 *Opuntia catacantha* 1

14.50 *" Taylori* 1

14.51 *Hylocereus trigonus* 1

14.52 *Opuntia catacantha* 1

14.53 *Hylocereus trigonus* 2
1 destr. 1 dead destroyed

14.54 *Opuntia Taylori* 1
1 destr. dead

14.55 *Weberocereus Tonduzii* 1
(all sent to Alexandra Park)

14.56 *Rhipsalis Regnelli* Dead

West Indies, Desecheo I. 1914
Britton & Cowell #1644

mona I.
#1737

#1791

#1821

#1822

#1823

Arecibo to Hatillo

#1931

Vieques I.
Shafer

"

"

"

"

Costa Rica Weinberg

NyBG. 19162

Bot. Gart. Berlin 1902.

NyBG. 16115

14.57 *Stylophyllum* 10764
1 destr.

14.58 " 2
2 destr.

14.59 *Cereus pentagonus* 10765
Cereus rigidus

14.60 *Hylocereus polychizos*

14.61 *Harrisia gracilis*

14.62c " *eriophora*

14.63 *Leptocereus*

14.64 *Harrisia portoricensis*

14.65 *Cereus*

14.66 *Opuntia* ^{dead destroyed} *triacantha*

14.67 *Cactus*

14.68 *Cephalocereus acicularis*

California - Pt. Loma, San Diego Mar. 27, 1914
S. B. Parish #9025
near Ramona
#9027

Simon 1901. NYBG. 6791 1901

Colombia - Weinberg " 14641 1902

Jamaica " 29696. 1908
N. L. Britton 3070

Cuba " 32905 1900
" 1600

Cuba, Pinar del Rio " 36476 1912
Shafer 13754

Porto Rico " 37244 1913
N. L. Britton 1957

M. R. Light
Porto Rico, Deseches I. " 39439 1914

B. & C. 1565
" " 39451 1914

" 1645
Colombia, Santa Marta " 39460 1914.
Sinclair #13

14.69	<i>Acanthocereus</i>	10705
	1 destr.	/
14.70	<i>Cactus</i>	/
14.71	<i>Lemaireocereus</i>	/

14.72	<i>Rhipsalis pilocarpa</i>	10706
14.73	<i>Pterocactus kuntzei</i>	/

14.74	<i>Dudleya pulverulenta</i> B. & R.	10718
14.75	<i>Agave deserti</i> Engelm.	4
14.76	<i>Phellosperma tetraancistra</i> (Engelm.)	/
14.77	<i>Echinocactus cylindraceus</i>	/
	Dead	2
14.78	<i>Opuntia</i>	BY PAS
	<i>Cylindrop</i>	/
14.79	Dead	/

Colombia, Santa Marta	W.B.S.	39462	1914
J.G. Sinclair #1			
"	"	39463	1914
"	"	39464	1914
" #3			

England, Alexandra Park, Manchester	March 31, 1914.
R. Lamb.	

California, Mountain Springs,	April 8, 1914
San Diego Co. S.B. Parish	

14.80 *Cereus* 10713
/

14.81 *Opuntia basilaris* 10718
/

14.82 *Phellosperma tetraucistra* /

14.83 *Opuntia*
 & *Platop.* /

14.84 *Cereus megalanthus* Schum. 10721
/

14.85 c " *extensus* Salmeron-Dyck 20011003
/

14.86 *Rhipsalis* 10736
8±

1 ded

14.87 *Heliocereus* 10735

14.88 *Selenicereus Boeckmannii*

Brazil, Januaria, Minas. S.P.I. 37823
Thom S. P. Dorsett

California, San Diego Co.
S. B. Parish

Germany, Georgenthal
W. Weingart.

April 9, 1914

Costa Rica, Peralta, Linea a April, 1914.
Limon, 300 m. alt. Toward
the Atlantic. C. Werckle, collector
Sent by A. Touduz.

Mexico, Oaxaca, Miahuatlan
C. Congatti
Rincon Antonio, Istmo
Tehuantepec.

April 1914

14.89 *Epiphyllum stenopetalum* 10731
1 destr.

14.90 *Beaucarnea recurvata* 1

14.91 *Opuntia vestita* 1

14.92 *Pediocactus Simpsonii* 10732
1

14.93 *Pereskopsis velutina* 10733
2

14.94 *Mamillaria* 3

14.95 *Hylocereus tricoelatus* 1

14.96 *Mamillaria* 6
1 sp. destr.

14.97 *Selaginella* 2

14.98 *Echinocereus* 1

14.99 *Mamillaria* 1

MPB. 6137

Simon - 1901

Mexico, Vera Cruz 38560

J. C. Harvey
Italy, La Mortola 38636

1913

1913

Wyoming, Laramie Hills
Dr. Owen Nelson

May 3, 1914.

Mexico, Queretaro
Arsène Brouard #9

#11

#12

#15

#19

14.100 *Echinocactus cornigerus* /

14.101 c *Coryphantha similis* (Engelm.)
ndestr. Britton & Rose
2161

14.102 c *Rhipsalis aculeata* Weber? 10745
1 dead, destroyed.

14.103 c " *trigona*

14.104 c " *anceps* 1 sp. destr.

14.105 c " *capilliformis*

14.106 c " *cassutha*

14.107 c " " var. *rhodocarpa*
" " var. *rhodocarpa*

14.108 c 1 destr. " *chloroptera*

14.109 c " *chrysocarpa*

14.110 c " *clavata*

(Note: One of each number sent to N.Y. of this

Mexico, Querétaro.

Arsene Brouard

Texas, near Ft. Worth
Mr. Albert Reith.

May 1914

England

Robt. Lamb.

868

869

870

871

872.

873.

874

entire accession.)

14. 111c *Rhipsalis conferta* 10745
14. 112c " *crispata*
14. 113c " " var. *laetior* S.D.
14. 114c " *dissimilis* var. *setulosa*
14. 115c " *erythroli³pis*
1 destr.
14. 116c " *floccosa*
14. 117c " *foveolata*
14. 118c " *gibberula*
1 destr.
14. 119c " *gonocarpa*
1 destr.
14. 120c " *grandiflora*
14. 121c " *hadrosoma*
1 destr.
14. 122c " *houlettiana*
1 destr.

England. R. Lamb. * 875

* 877

* 878

* 879.

* 880

* 881

* 882

* 883

* 884

* 885

* 886

* 887

One
each

14. 123	<i>Rhipsalis Stataiaiae</i>	10745
14. 124c	" <i>pentaptera</i>	
14. 125c	" <i>lunbricoides</i>	
14. 126c	" <i>madagascariensis</i> var. <i>dasyerca</i>	
14. 127c	" <i>myosurus</i>	
14. 128c	" " var. <i>Knightii</i>	
14. 129c	" <i>Neves-Armondii</i>	
14. 130c	" <i>paradoxa</i>	
14. 131c	" <i>penduliflora</i>	
14. 132c	" <i>pilocarpa</i>	
14. 133c	" <i>platycarpa</i>	
14. 134c	" <i>pulvinigera</i>	

Engl. R. Lamb. # 888

889

890

891

One

893

894

Each

895

897

898

900

901

902

14. 135c *Rhipsalis puniceodiscus* 10745

14. 136c " *radicans*
2 destr.

14. 137c " *ramulosa*

14. 138c " *Regnellii*

14. 139c " *rhombica*

14. 140c " *saglionis*

14. 141c " *sauvexiana*

14. 142c " *squamulosa*
1 destr.

14. 143c " *sulcata*
1 destr.

14. 144c " *tetragona*

14. 145c " *Tonduzzii*
1 dead, destroyed

14. 146c " *virgata*

14. 147c " *warmingiana*

Engl. P. Lamb #903

#904

#907

#908

#909

#910

#911

#912

#913

#914

#915

#917

#918

14.148 *Hylocereus* 10746

14.149 " 3

14.150 " 2 sp. det. 6

14.151 " 6

14.152 *Cereus peruviridis* Weing. 10749

14.153 *Coryphantha missouriensis* 10757
2 destr. 2

14.154 *Pediocactus Simpsonii* 10756
1

14.155 *Echinocereus* 10757
2

~~Dead~~

Panama, South Darien May 5, 1914.
H. Pittier #6553

#6623 Punta Patiño

#6624

#6625 Pinogana

Germany, Erfurt May 1914.
Haage & Schmidt.

South Dakota, Black Hills re-
gion, Harvey National Forest.
Western part of state, south
of center, fide Mr. Jardine,
Forest Service.

Wyoming May 1914
Dr. Owen Nelson

Utah, 7 miles west of Ephraim May 26, 1914.
W. W. Eggleston 10140

14.156 Echinocereus 10755
/

14.157 Selenicereus Maynardii 10763
/

14.158 Dudleya Parishii ? 10761
1 sp. destr. 5 [56989]

14.159 Pediocactus Simpsonii 10767
1 destr. /

14.160 Echinocereus viridiflorus 2

14.161 Mamillaria 1
1 destr. /

14.162 Opuntia polyacantha /

14.163 Echinocereus /

14.164 Echinocactus polyacanthus 10778
/

Arizona, Graham Mts., Ash Creek May 20, 1914
E. G. Holst. 6200 ft.

California, Hollywood May 27, 1914
E. D. Sturtevant

California, Lebec. Tejon mts., May 1914.
5000 ft.
D. P. MacDougal.

New Mexico, Tijeras June 6, 1914.
Miss Charlotte C. Ellis May 20, 1914

May 20, 1914

California
Thru Dr. MacDougal. Collected
by S. B. Parish near Barstow, Calif

14.165c	<i>Opuntia Darwinii</i>	2	10765
14.166c	" <i>australis</i>	2	

14.167c	<i>Borziacactus Ventimigliae</i>	1	a 10864
---------	----------------------------------	---	---------

14.168	<i>Opuntia</i>	1	a 10861
	3 <i>Platyop.</i>		

14.169	"		
	" (1 cluster)	1	

14.170	<i>Mamillaria</i>		
	Dead & preserved		

14.171	<i>Opuntia</i>	1	
	<i>Cylindrop.</i>		

14.172	"	2	
	<i>Platyop.</i>		

14.173	<i>Mamillaria micromeris</i>	2	10779
--------	------------------------------	---	-------

14.174	"	2	Dead
	1 destr.		

14.175	<i>Echinocereus</i>	1	
--------	---------------------	---	--

Germany, Erfurt
Haege u. Schmidt.

May, 1914.

Italy, R. Orto Botanico Palermo.
U. Riccobono, Head Gardener

Arizona: Canyon Diablo, Coconino County June 14, 1914.
Paul Monnet

Canyon Padre, Coconino County.

Texas, vicinity El Paso #1
Miss M. E. Chaffey.

#2

#3

14.176 *Echinocereus dasyacanthus*?

14.177 *Cactus communis* ^{Broadway sp. nov.} 10859

Dead specimen 4 + 2 dead

14.178 *Cephalocereus* sp
1 destr.

14.179 ✓

14.180 *Selenicereus*

14.181 *Mamillaria prolifera*

14.182 *Opuntia*
§ *Cylindropuntia*

14.183 *Opuntia*

Platyop

14.184 "

Platyop

14.185 "

Platyop.

14.186 *Echinocereus*

14.187 *Epiphyllum*?

1 destr. 1 dead destroyed.

Texas, vicinity El Paso

M. E. Chaffey

W. E. Broadway.
Tobago, W. I.

Purchased from
him by Carnegie Insti-
tution of Washington.

Recd.
6-20-14.

Cuba, Dimas Bay.

Dr. Paul Bartsch #131

Sierra Penitencia, Vinales.
#413

May 17, 1914

Arizona, Oraibi

Dr. Paul Monnet

Arizona, Toriva.

Dr. Paul Monnet.

Keams Cañon, Moqui Agency.

" " " " "

" " " " "

Canal Zone, Ancon. #6675.

H. Pittier

Recd. 7-11-14.

14.188 *Opuntia* ~~scutellaria~~ ^{a 10790.} ~~Dead~~
1 dry fruit. (died)
Platyop. spineless. 2 See herb.

14.189. *Opuntia* 10795 ...
1 destr. *Cylindrop.* 2

14.190 *Opuntia* 10795 ...
1 destr. *Cylindrop.* 1/2 in fruit.

14.191 *Opuntia*
Platyop. 1

14.192 *Cereus areolatus* a 10862.

14.193 " *Funkii* 1

14.194 " *macrogonus* 1

14.195 " *Martinii* 1

14.196 " *pomanensis* 1

14.197 *Opuntia exaltata* 1

14.198 " *extensa* 1

14.199 *Selaginella* ~~Dead~~ a 10859
1 destr.

14.200 " "

Utah, Moab. Reed 7-13-14.

Marcus E. Jones

Arizona Reed. 7-13-14.

Mogui Indian Agency. Dr. Paul Monnet.

Arizona, Ash Cr., Graham Mts. Reed. 7-14-14.

alt. 3200 ft.
coll. 7-1-14 by

E. J. Holt.

Italy, La Mortola. Reed. 7-22-14.

Hanbury Gardens.

Arizona, Sta. Catalina Mts. July 28, 1914.

Forrest Shreve.

" " July 22, 1914

14.201

bulbs

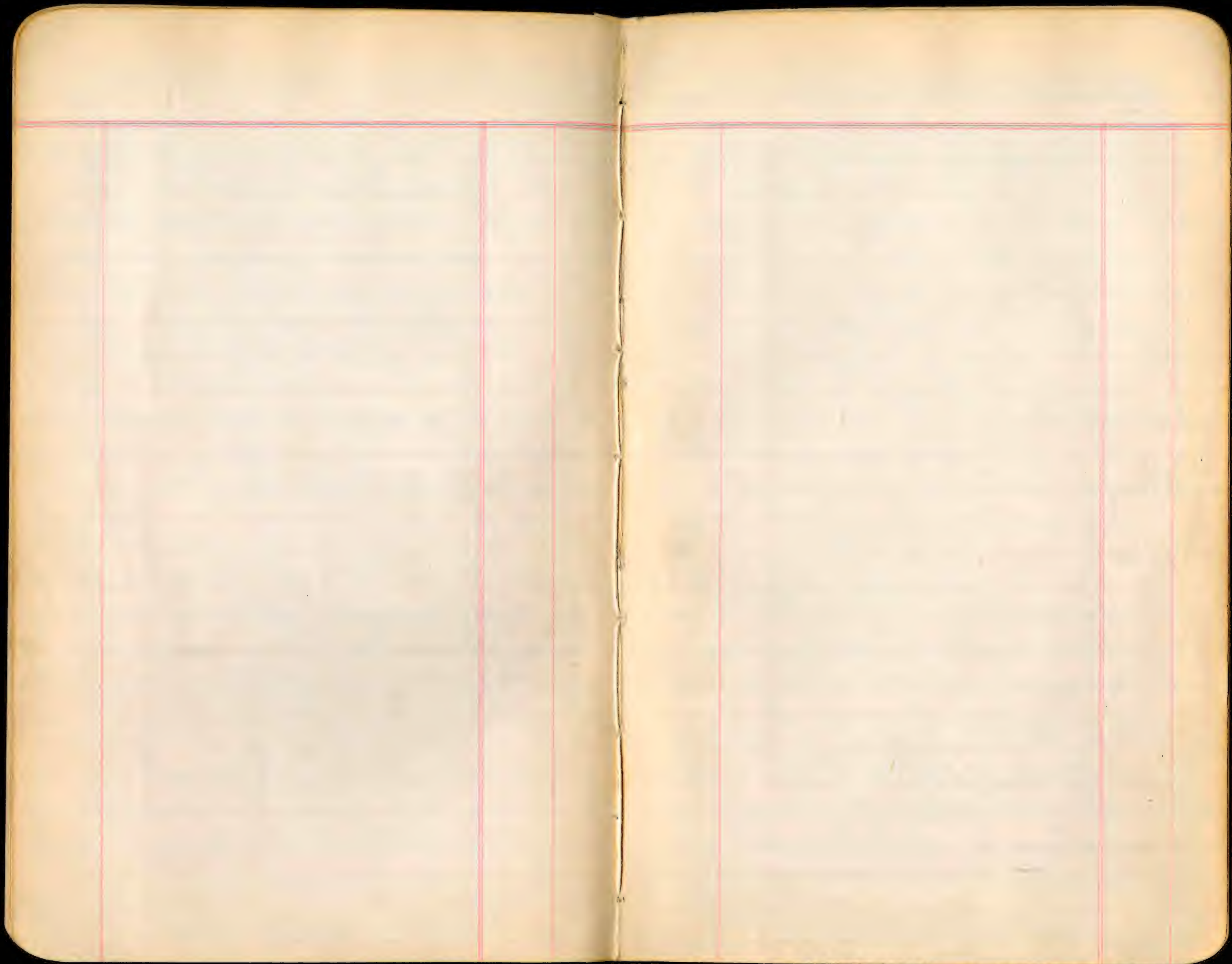
"Amole"

2

Note 14.1001 - 3 page fashion.

Obtained in market at Juarez, Mex. by E. S. Wooten,
as from Mts. of southern Chihuahua.

Recd. 10-14-14.



14. 1001 *Opuntia* ^a 10863.
 14. 1002 ^a *Cereus* ^{see 15.42}
Selenicereus
 14. 1003 " ^{see 15.42}
 14. 1004 "
 14. 1005 *Agave*
 14. 1006 "
 14. 1007 "
 14. 1008 ✓ *Mamillaria* ^a 10857
lutea "Amole"
 14. 1009 *Mamillaria* 10858.
 14. 1010 *Opuntia* 10889
 (*Platyop.*) 1 sp. ded.
 14. 1011 *Selaginella rupincola*
 14. 1012 *Opuntia* 10896
 (all sent to N.Y. Bot. Gard.)

- Colorado, Buena Vista, ^{#1.} ^{near} ^{Galesburg Ill.}
 C. Z. Nelson. (534 Hawkinson Avenue,
 #1.
 #2. Recd. 9-2-14.
 #3.
 #1.
 #2.
 #3.
 " " " " " "
Mexico. Obtained by E. O. Wootton at Juarez, as from
 mts. of southern Chihuahua. See letter of 10-5-14 to P.C.S.
 Recd. 10-14-14.
Nevada, Sheep Mts., 3000 ft. Recd 11-4-14.
 E. A. Goldman (no. 2428) Oct. 26, 1914.
Nevada, Charleston Mts; 4000 ft.
 E. A. Goldman 2430 Nov. 18
Arizona, Dragoon Mts. Sept. 6, 1914
 Forrest Shreve
Canada, Alberta, Rosedale July 20, 1914.
 Marion E. Moodie

14.1013° *Bommeria*

a 10857.

14.1014 *Cheilanthes wrightii* Hooker

1

2

Arizona, Santa Rita Mts. 4000 ft. Oct. 1914.
O. F. Cook

15.1 *Opuntia brasiliensis* Haw. 10949
2

15.2 *Cereus*

15.3 *Opuntia hempeliana* Schum. 2
1 destr. 1

15.4 *Selaginella rupestris* (L.) Spring. ✓
dead, destroyed.

15.5 *Carnegiea gigantea* 10970
2

15.6 *Opuntia* 10971
1 sp. dead 1

15.7 *Hylocereus truncatus* 201473
2

15.8 *Epiphyllum* 4
1 destr.

15.9 " 2

15.10 *Stapelia variegata* 2
1

15.11 *Pedilanthus* 1

Peru, near Santa Ana, 3200 ft. elev. Jan. 5, 1915
E. C. Eddis

" , Pumachaca 4600 ft. elev. Jan. 6, 1915

" near Lamay 9000⁺ ft. elev. Nov. 19, 1914.
F. W.

Virginia, Great Falls, crevices of gneiss Feb. 14, 1915.
rock. G. P. Van Eseltine #240

Arizona, near Tucson Recd.
D. T. MacDougal Mar. 22, 1915.

Florida: "Grows very large in some March 1915
parts" Mrs. J. H. Chiles (Palmyra Beach)
"Grows wild... very prolific"

"Crab-claw"

"Fragrant bloom" Nov. 1

15.12 Euphorbia 10971

15.13 " 2

15.14 " 2
1

15.15 Mammillaria Grahamii
1 destr. 2

15.16 Echinocereus Engelmannii
1 destr. 1

15.17 Echinocactus Wislizenii 1

15.18 " " 2 Dead

15.19 Echinocactus cylindraceus 1

15.20 Pediocactus Simpsonii 10978
1 destr. Dead

15.21 Opuntia mohavensis 1

15.22 " erinacea Engelm. 2
1 sp. destr.

Florida

Mrs. J. H. Chiles
[Nassau] "A tree-cactus"

Arizona, Chandler
H. L. Shantz.

March 11, 1915

California, Palm Springs

Mar. 8, 1915

From the Botanical Garden at
Johns Hopkins University

Mar. 27, 1915

California, Mojave Desert
S. B. Parish

Mar. 1915

Barnwell, New York Mts.
5000 ft.

15.23 *Echinocereus Engelmannii* 1

15.24 *Opuntia echinocarpa*
1 destr. 3

15.25 *Opuntia*
2 destr. 5

15.26 *Rhipsalis conferta* 3

15.27 " *Tonduzii* 3

15.28 " *micrantha* 1

15.29 " 1

15.30 " *Warmingiana* 3

15.31 " *sulcata* 2

California

S. B. Parish

Bolivia, Tiahuanaco

Feb. 4, 1915

E. C. Eridis, collector
"Grows in dense clumps
about 1½ ft. in diameter.
Plant 2" high. 12,700' alt.

NYBG. 14739 - Paris, 1902.

NYBG. 10016 April, 1905

NYBG. 16082 Berlin, 1902

NYBG. — April, 1915

NYBG. 16102 - Berlin 1902

NYBG. 14811 Paris, 1902

See 15.41

15.32 *Aporocactus flagelliformis* 11000

15.33 *Opuntia Taylori* 10998

15.34 " " 4

15.35 " " 2

15.36 " " 5+

15.37 *Epiphyllum* 1

15.38 " *Sellowi* 1

15.39 *Rhipsalis* 1

15.40 " *Swartzianus* 1

15.41 *Selenicereus viridicarpus* 11005
(15.32)

Sent from Galesburg, Ill. by Apr. 7, 1915.
C. Z. Nelson

Porto Rico, Salinas de Cabo Rojo
B. & C. 4706. NyBly. 41642 1915.

Cabo Rojo (Lighthouse)
B. & C. 4742. NyBly. 41643 1915

Punta Melones
B. & C. 4642. NyBly. 41644 1915

Cabo Rojo Lighthouse
B. & C. 4741. NyBly. 41644 1915

Simon, 1901
NyBly. 6804

Kew - 1902
NyBly. 15615

C. R. Werckle, 1905
NyBly. 22655

C. R. Berger 1903
NyBly. 27933

Sent from Galesburg, Ill. Apr. 1915.
by C. Z. Nelson

- 15.42 *Mammillaria Heyderi* 11004
Dead + preserved 2
- 15.43 *Echinocereus pectinatus*
1 destr. 2
- 15.44 " *paucispinus*
(large clump) 1
- 15.45 *Echinocactus setispinus*
Dead + destroyed 1
- 15.46 " *Texensis* 1

- 15.47 *Opuntia opuntia* 11006
n sp. dead + destr. 15+

- 15.48 *Echinocereus Kunzei* Gürke 11007

- 15.49 *Echinopsis* 11010
1

- 15.50 *Cereus Maynardii* 1

- 15.51 *Echinocactus polyancistrus* 11016
1 destr. 2

- 15.52 " *polycephalus*
Dead + preserved 1

Texas, San Saba
B. R. Russell

April, 1915.

Virginia, Great Falls
J. N. Rose & Walter Deane

April 17, 1915

Arizona, Phoenix
Dr. R. E. Kunze

Apr. 23, 1915

California, Hollywood
E. D. Sturtevant

Apr. 22, 1915

California, Barstow
S. B. Parish

April 27, 1915

- 15.53 *Cereus Engelmannii* 2
- 15.54 *Opuntia basilaris ramosa* 1
Destr.
- 15.55 " *ramosissima* 1
-
- 15.56 *Opuntia* 11015
so called "clavarioides" 1
-
- 15.57 *Opuntia* 11025
(spec. & fr. in Herb.) 5
- 15.58 *Echinocereus* 2
-
- 15.59 *Echinocactus horizonthalonius* 11055 4
- 15.60 " *dasyacanthus* 3
Dead & preserved "Pr RAs
- 15.61 *Echinocereus chloranthus* 5
Dead & preserved
- 15.62 " *dasyacanthus* 9
1 destr.
- 15.63 " 1
- 15.64 *Mamillaria* 2
1 destr.

California, Barstow
S.B. Parish.

Staten Island, Stapleton May 1915
A. Kuester

Nevada, near Round Mt., Toiyama Range,
Nye County. alt. \pm 6500 ft.
Ernest J. Holt.
Coll. 5-15-15. Recd 5-25-15.

Texas, El Paso, vicinity of. Recd
Mr. J. W. Jays. 5-28-15.

15.65 Mamillaria
1 destr. 11055

15.66 "
1 destr. 2

15.67 ~~Deadly~~
W. R. M. has Herb. sp. (dead destroyed) 2

15.68 " (dead destroyed)
W. R. M. has Herb. sp. 1 11056

15.69 Opuntia 1

15.70 Opuntia preserved
Deadly ~~Deadly~~ 3 11057

15.71 Mamillaria
1 destr. 1

15.72 "
1 destr. 5

15.73 "
1

15.74 Echinocereus 1

15.75 " (clump) 1

15.76 Opuntia
1 destr. (cylindrical) 2

Texas, vicinity of El Paso.
Mr. J. W. Jays

California, Mt. St. Helena. Recd. 6-14-15.
Alice Eastwood. 6-1-15.

California, Skaggs Springs, Lane Co. Recd 6-14-15.
Elix. Parsons Harker. 6-5-15.

Arizona, Holbrook. Recd. 6-15-15.
E. A. Goldman 6-4-15.

California, Teastalk, on plains
S. B. Parish

California, New York mountains,
near Barnwell.

California, Ivanpah Mountains

California, New York mountains,
near Barnwell

California, near Teastalk.

California, Teastalk, on plains
Nevada, near Searchlight
S. B. Parish

California, Teastalk, on plains.

See letter of S. B. Parish of 6-28-15.
All from S. B. Parish.
Recd. 6-14-15.

- 11057
- 15.77 *Echinocactus cylindraceus*
Dead & preserved 1
- 15.78 " , destr. 1
- 15.79 *Opuntia chlorotica* 2
-
- 15.80 *Mamillaria* " *Pediocactus Simpsonii* " 11058
Dead, destroyed. 2 Dead
-
- 15.81 *Opuntia* " *fragilis group* " 1
- 15.82 *Opuntia* " *fragilis group* " 2
-
- 15.83 *Opuntia* destr. 2
-
- 15.84 *Cereus* 1
-
- 15.85 *Opuntia* 2
-
- 15.86 *Mamillaria* n. destr. 3
-
- 15.87 *Opuntia* (dead destroyed) 1
-
- 15.88 *Selaginella cinerascens* 2
-

S. B. Parish
Nevada, Searchlight.

California,
Ivanpah Mts.

Utah, La Sal Mountains

Marcus E. Jones

Utah, Coon Creek Canyon, Ogquirch Mts, Salt Lake Co.

Prof. A. O. Garrett. Coll. 6-16-15

" , foot of Ensign Peak, Salt Lake City. Recd. 6-25-15.
Coll. 6-15-15.

Nevada, Nye Co., Toiyabe Range, bet'n Peavine
and Cloverdale Creeks, alt. 6000-6500 ft.
E. J. Holt. Coll. 6-4-15. Recd 6-29-15.

Florida, Sands Key I.

Dr. Paul Bartsch.

Recd 7-6-15.

Oklahoma, Alva.
Prof. R. L. Clifton

Recd. 7-12-15.

Utah, Salt Lake County, ^{Coll.} 6-29-15
Pareley's Canyon. Recd 7-23-15.
A. O. Garrett #2803.

California, near San Diego. Recd. 8-6-15
J. H. Collins. July, 1915.

15.89 Selaginella

15.90 Mammillaria

15.91 Epiphyllum

Both dead
9-14-15
2 destroyed

15.92 Opuntia (See notes.)

Spineless form. Cylindro-

15.93 Selaginella rupestris

15.94 Selaginella

15.95

"Ayrampoa"

15.96

passio at

15.97 Talinaria Palmeri Brandeg. 11157
dead destroyed

15.98 Epiphyllum

11156

3

Georgia, Stony Mountain

Recd. 8-6-15.

J. B. Norton, July, 1915.

Arizona, Flagstaff. Coll. 7-21-15.

Recd. 8-14-15.

C. L. Harrell (thru W. L. McAtee).

Costa Rica.

San Jose,

Recd. 9-7-15.

Sent by Museo Nacional, at request of O. Jimenez.

Peru, Torontoy vicinity.

B.P.L. # 41104.

Recd. 9-14-15.

O. J. Cook (no. 1788). Hiram Bingham (no. 4242)

Canada, Ontario, Taranoguel, 7 mi. east.

G. P. Van Eseltine (502). on bare rock. Recd 9-21-15.

Same locality.

(501)

Recd 9-21-15.

Peru, Tinta, planted on walls. S. P. L. # 41191.

Dr. O. J. Cook. Coll. 4/16/15. Recd 9/25/15.

Mexico

1915

J. G. Noyes.

See letter to Mr. Coville of
Oct. 11, 1915.

Costa Rica, San Jose

1915

Museo Nacional, A. Alfaro,
Director

15.99 *Epiphyllum russellianum* Dead

15.100 *Rhipsalis Houlletiana* 11208
1 sp. ded. 2

15.101 " *warminiana* 2

15.102 *Epiphyllum cartagense* 1

15.103 *Rhipsalis rhombea* 1

15.104 " *Tondusii* 2

15.105 *Epiphyllum* 11264
dead, destroyed. 1

15.106 *Cereus* 11199

15.107 *Cephalocereus Gürkei* (2)

15.108 *Opuntia Youngii* 11200

National Botanic Garden Oct. 1915
called "*E. mackoyanum*"

NYBG. 6249 Dist. 1 1915

16102
(Weinberg 1903)
19161

9627

24953

Honduras, On road from Ceiba, 1915.
about 1 mile south of
Ceiba plaza. 100 ft. elev., on
tree trunk.
F. J. Dyer #4

Brazil, Baixa Verde, Rio Grande Aug. 1915.
do Norte. E. C. Green

Florida, N.W. of Tampa Nov. 1915.
C. L. Nelson

15.109 *Carnegiea gigantea* ✓

15.110

Seeds

Arizona,

Oct. 1915.

Sent by Dr. D. T. MacDougal

Brazil, Bahia, Machado Portella.

(Given Dr. Rose by J. W. J. Girdewood in 1915)

16.1 Echinocactus setispinus 11227

16.2 Echinocereus
Dead Ex R. A. S.

16.3 Mamillaria Kunzei 1

16.4 " missouriensis 1

16.5 Echinopsis
Lobelia coccinea 4

16.6

16.7 Cephalocereus keyensis Brit. & Rose
"forming large clumps" 1

16.8 Selenicereus
"a rapid climber" 1

16.9 Acanthocereus pentagonus D. & R.
"climber from the shell mounds" 1

16.10 Hylocereus trigonus
"Rampant climber" 1

16.11 Harrisia
25 ft. high. 1

16.12 Euphorbia
Ornamental. 1

Texas, San Saba
B. R. Russell

Jan. 1916

Missouri, Kansas City
(From S. Keimig)

"

Peru, Ollantaybampo Valley (?) WMB 312
O. F. Cook Photo 390
Between Cachendo & Arequipa Pl. 70.784

1915

Florida,
From Dr. George S. Stone, Punta Gorda. 2-5-16.

Shell mounds.

The Keys.

The Keys

16.13 Epiphyllum 11264
6 (2 in herb) ✓
16.14 Pterocactus /

16.15 Opuntia 11275
Platycp, narrow joint /
16.16 " " broad joint /

16.17 - Opuntia /

16.18 " /

16.19 " Youngii n. sp. 1 destr /

16.20 " sequina n. sp. /

16.21 " Beckeriana /

16.22 " Scheerii /

16.23 Selaginella 1 clump 11.287

1916

Honduras

Recd 2-4-16.

F. J. Dyer. La Ceiba.

Argentina, Rio Negro Valley

Collected by Walter Fischer, 1915.

Taken from herbarium sheet 2/8/16,
& sent to greenhouse for planting, 2/14/16

Arizona, Stone Cabin Cañon, Santa Rita Mts. Feb. 1916.
D. T. Mac Dougal
near Tucson.

Illinois, Galesburg. Cust. by C. T. Nelson. March 2, 1916

#3 (From Laredo, Texas)
(From San Antonio, Tex.)

#135

(From northern Chile)

(From Durango, Mex.)

South Carolina, Hartsville

11 March 1916.

G. P. Van Eseltine (Collected J. B. Morton)

16.24 *Opuntia Dillenii* 11279

16.25 " " 2

16.26 " " 2

all to NY. (very long spines) 1

16.27 " " 1

all to NY.

16.28 " " *austriana* 2

all to NY.

16.29 *Acanthocereus* 3

16.30 *Opuntia* 2

16.31 *Zygocactus truncatum* 11289

1 dead destroyed 1

16.32 *Epiphyllum* 1

16.33 *Opuntia* 1

Platyph.

16.34 " " 1

16.35 " " 3

2 dead, destroyed.
" small joints

Florida, Marco
P. C. Standley

Febr. 1916.

Six miles south of St. Myers.

North Carolina, Beaufort,
Sent by Charles Hatsel

March 9, 1916.

16.36 *Opuntia* 11296

16.37 " 1 dead destroyed 4

16.38 " 4

16.39 " 3

16.40 " 2

16.41 " 1 dead, destroyed 2

16.42 " 3

16.43 " 2

16.44 *Opuntia discata* 11292

16.45 " *blakeana* 2

16.46 *Opuntia Drummondii* 11291
Platyph 15+

16.47 *Gasteria nitida* (S-B) Haw. 1

South Carolina, vicinity of Charleston
Folly Island
Isle of Palms

Feb. 15 1916

Feb. 14

nyBly. 43644
nyBly. 43651

nyBly. 43652

nyBly. 43649

James Island

nyBly. 43648

Folly Island

nyBly. 43647

Isle of Palms

nyBly. 43646

nyBly. 43645

Arizona, Tucson
D. T. MacDougal.

North Carolina, Beaufort
Charles Hatsel.

March 14, 1916

Sent by J. J. Thornber from
Tucson, Ariz.

3/27/16

16.48 *Opuntia phaeacantha* 11312
1 to NY (from Griffiths)
(from San Antonio, Texas) 2

16.49 " *Blakeana* 4
2 to NY

16.50 *Epiphyllum* 11308
1 dead, destroyed 2

16.51 *Opuntia* ✓
Plat. (all to NY) 1

16.52 " (all to NY) 1

16.53 " *occidentalis* 1
(all to NY)

16.54 *Stylophylllum insulare* Rose
1 dead destr. (2 to NY) 3

16.55 *Selenicereus* 11319
4

16.56 *Harrisea* 3

16.57 *Opuntia leptocaulis* 11312
red fruit 3

16.58 " yellow fruit 3

16.59 *Opuntia prolifera*

16.60 " *serpentina* all to NY. (ded)

Arizona, Tucson Desert Laboratory March 1916.
Dr. D. T. MacDougal

Honduras

F. J. Dyer

California: Hollywood, near Los Angeles
S. B. Parish

Santa Catalina I.

April 1, 1916.

Cuba, Oriente, mountains of
Dr. J. R. Johnston. Omaja.

Arizona, Tucson

Dr. D. T. MacDougal

Apr. 7, 1916

California: San Diego
S. B. Parish

April 1916

16.61 *Opuntia littoralis* 1 ✓

16.62 *Selaginella* 1 ✓

16.63 *Mamillaria* 2 11328

16.64 *Euphorbia splendens* 1

16.65 *Opuntia brasiliensis* (Willd.) ^{tuna} 1 ✓

16.66 *Stapelia* 2

16.67 *Opuntia spinulifera* 1 ✓

16.68 *Nopalea coccinellifera* 1 ✓

16.69 *Opuntia Drummondii* 4 11343

16.70 " " 3

16.71 " " 2

16.72 " *Pollardii* 4

California: San Diego
S. B. Parish

Massachusetts, near Lexington 4/16/16
on Lexington Rd. near
Mass. Ave. J. B. Norton

Mexico [original source]
C. E. Conklin

Florida, Punta Gorda. 4/15/16.
Geo. S. Stone. (cult.)

NyBly. 10887
D. P. B. 04

Honduras, Utila Island Apr. 11, 1916.
F. J. Dyer

Florida, Appalachicola. NyBly. 43913 1916
J. K. Small
(Beach) 43914

40 mi. N. of " 43915
43916

16.73	<i>Opuntia ficus-indica</i>	11343
16.74	"	1
16.75	"	2
16.76	" <i>Keyensis</i> = <i>Dillenii</i>	2
16.77	" <i>bahamana</i>	3
16.78	" <i>Keyensis</i> = <i>Dillenii</i>	1
16.79	" <i>austriana</i>	2
16.80	" <i>Dillenii</i>	1
16.81	" "	2
16.82	" <i>Keyensis</i> = <i>Dillenii</i>	1
16.83	" " "	2
16.84	" <i>Dillenii</i>	1
16.85	" <i>Keyensis</i> = <i>Dillenii</i>	1

<u>Florida</u> , <i>Appalachicola</i>	NYBG. 43917	1916.
J. K. Small (beach)	NYBG. 43918	
	NYBG. 43919	
Umbrella Key	43922	
Lignum Vitae Key	43923	
^{Lower} Matecumbe Key	43924	
Cape Sable	43925	
Cuthbert Lake	43926	
Chokoloskee	43927	
Flamingo	43928	
Chokoloskee	43929	
"	43930	
^{upper} Matecumbe Key	43931	

16.86 *Opuntia Dillenii* 11343

16.87 *Harrisia eriophora* 4

16.88 *Cephalocereus keyensis* 1

16.89 *Mamillaria* 11348

16.90 *Crassulac* 11347

16.91. *Opuntia Weinbergii*
Platyph. (all to NY) 1

16.92 *Mamillaria Grahami* 11353

16.93 *Echinocereus*
Dead skeleton sp. 1 OK RAS

16.94 *Rhodiola rosea* 11374
(2 to R. Lloyd Praeger) 5+ Dead

16.95 *Selaginella acanthonota*? 11369
2 clumps Dead

Florida, Lower Matecumbe Key NYBG 43932 1916

J. K. Small
Cuthbert Lake 43934

Umbrella Key 43935

California, Shaver's Well Cottonwood Mts.,
Colorado Desert. S. B. Parish

California, Campo May 9, 1916
D. T. MacDougal

California, Los Angeles
H. M. Wegener

Arizona, Rice, May 1916
E. A. Goldman #2608

Pennsylvania, Pike Co. on cliff along May 30, 1916
Delaware R. Percy Wilson #2609

North Carolina, Wilmington, June, 1916.
Agnes Chase

16.96 Echinocereus 11375

16.97 Dudleya Dead

16.98 Mammillaria Grahami

16.99 Opuntia basilaris 11481

16.100 Opuntia Covillei 11481

16.101 Echinocereus mohavensis

16.102 Cactus 11410

16.103 Cereus 2

16.104 Echinocereus 11396

16.105 Opuntia Plat. 1

16.106 " delicata ? Plat. 2

16.107 " Plat. 1

Arizona ^{Salt River} 12 mi. N. of McMillenville May 24, 1916.
E.A. Goldman #2659

#2660

#2661

California, Cajon Pass.
S.B. Parish

California, Baldwin Lake, San Bernardino Mts. S.B. Parish June 17, 1916 #10805

Desert side, San Bernardino Mts. June 16, 1916 #10803

Colombia, Santa Marta June 1916
Curran

Arizona, near Congress Junction June 29, 1916.
Forrest Shreve

"

Skull Valley

Grand View, rim of Grand Cañon

16.108 Echinocactus whipplei 11482
Dead + preserved 2

16.109 Echinocactus
Dead + preserved 5

16.110 Mopania
1 dead, destroyed 3

16.111 Diascia Barberae 11411
ded + destr. 2

16.112 Echinocereus 11482
1

16.113 Opuntia Dead ✓
Cylind. 2

16.114 " Plat. Dead

16.115 Gormania Hallii
(all to Praeger) 2

16.116 Cactus 11418
(with cephalium) 1

16.117 " 1

16.118 Mamillaria nivosa 1

16.119 Cereus 11421
1

Arizona, Kayenta July 1916.
C.T. Vorhies

Brazil, near Joazeiro July, 1916
Dr. Leo Zehntner

Pennsylvania, Philadelphia July 24, 1916
Activated; H. Natho

Arizona, Kayenta July 1916
C.T. Vorhies # 3

4

6

California, Lake Tahoe Aug. 1916.
Miss Anderson

Turk's Island, West Indies 1916.
Through New York Aquarium

Ecuador, Guayaquil.
C.T. Brues, coll. 1913.

16.120 Crinum ✓

4 bulbs

16.121 Nyctocereus ✓

1.

16.122 Hylocereus

1

16.123 Hylocereus polyrhizus ✓

4 new

16.124 Opuntia hystericina

2

16.125 Hylocereus minutiflorus 11479

[a 28 = a 31]

3

16.126 Nopalea coccinellifer

11479

a 45. dead

16.127 Pediosactus

1

16.128 Selenicereus

11479

16.129 Rhipsalis erythrosquama Löffl. 11480

10

16.130 Rhipsalis, sp. nov.

"With this mail I send you a second living Rhipsalis, belonging to the same group as the interesting Rh. dimorpha from Cabo Frio and the Rh. toudouxii you sent me. It is a fine species, more than 2 meters long, rich branched and rich flowering, unfortunately with very small flowers and fruits on the last and forelast deep emerald-green articulis."
--- Löffler, 9-10-16, to Dr. Rose.

Obtained at N.Y. Bot. Gard. by Dr. J. N. Rose.

Pennsylvania, Wilkesbarre (Cult.) Aug. 1916.
(Originally from Germany) Miss V. Tasker

N.Y.B.G. 9722.

Colombia, El Banco

June 1916

H. M. Curran

Arizona, Rayenta

Aug. 1916

C. T. Vorhies

Honduras, Ceiba.

Recd Sept 18, 1916.

Francis J. Dyer. coll. 9/7/16.

Honduras, Ceiba

Recd 9-21-16

Photo recd 10-25-16.

Francis J. Dyer coll. 9/9/16.

Nevada

in N. W. part near Oregon line

Humboldt Co. Recd. 9-27-16.

(about 30 mi. S.W. of Denio, Oregon, which is on State line.)

H. L. Shantz

Coll. 9/19/16.

Honduras, Ceiba

9/22/16

F. J. Dyer.

Brazil, Rio de Janeiro

9-10-16.

A. Löfgren. Jardim Botânico

1916

16.131 *Opuntia*

11481

(3 fruits, yellow) 1

16.132 *Opuntia*

11483

also (fruits) 2 ✓

See herb. spec.

1 dead destroyed

16.133 *Cereus setaceus*

1

16.134 *Epiphyllum*

See herb. frt. (made into 4) 2

"On big buttressed, in banana plantation; leaves x x reach several yards in length; pendent."

16.135 *Echinocereus*

1

16.136 *Jacquemontia*

16.137 *Selaginella convoluta* Spring

1

California, Santa Barbara 9-26, 1916.

S. B. Parish (#20,019). Recd 10-4-16.

Utah, Salt Lake County 9-23-16.

Ridge between Red Butte and Emigration Canyon. Recd 10-4-16.

A. O. Garrett (#2848).

New York Botanical Garden

#2220 (Simon)

Honduras, Ceiba

Oct. 10-15-16.

F. J. Dyer. (#A 732).

Utah, Salt Lake Co., Coll. 10-17-16.

Parley's Canyon. Recd 10-24-16.

A. O. Garrett (#2849). alt. 5050 ft.

Porto Rico

Mrs. Agnes Chase

Brazil, near Bahia

Rose & Russell (19796)

Collected in 1915.

- | | | |
|-------|--|-----------------------|
| 17.1 | <i>Cephalocereus brookseanus</i> | 1 |
| 17.2 | <i>Cereus melanurus</i> | 3 |
| 17.3 | " | 2 |
| 17.4 | <i>Opuntia curassavica</i> | 5 |
| 17.5 | <i>Echinocactus erectocentrus</i> | 2 |
| 17.6 | <i>Opuntia leptocaulis</i> | 1 |
| 17.7 | <i>Cactus</i> | 2 |
| 17.8 | <i>Mamillaria pusilla</i>
Var <i>haitiensis</i> Schum | = <i>M. prolifera</i> |
| 17.9 | <i>Opuntia Blakeana</i> | |
| 17.10 | " <i>threacantha</i> | |
| 17.11 | <i>Selenicereus</i> | |
| 17.12 | " | |

Cuba - eastern part 1917
P. Bartsch
Brazil, Minas Geraes
P. Campos Porto

Curaçao
H. M. Curran, thru P. Thompson
Arizona, near Empire Ranch Fort Shreve
Venezuela, near Cora H. G. Foss

Haiti P. Bartsch #311 1917
Arizona McDougall 1917
Cultivated in Arizona " "
Haiti P. Bartsch #259 1917
" 257 "

17.13 Cereus leptotus

17.14 Pedocactus

17.15 Opuntia

17.16 Echinocactus feibigi

17.17 Echinocactus whifflei spinosus

17.18 Mamillaria radiosa Dead

17.19 Echinocereus ^{Fendleri} paucispinus

17.20 Echinocactus glaucus?

17.21 Echinocereus Englemanni

17.22 Opuntia basilaris

17.23 Echinocereus Englemanni

Haut

P. Bailech #223 & 224

Nevada, Cleveland Creek, Shell Creek range
alt 7500 ft, E.A. Goldman Oct 31/16 #2836

Florida Trunks of Cabbage Palm,
J.K. Small May 24/17
S.A. N.Y.B.G. no 40312 from Berlin B.G. 1914

Utah, Clifton M.E. Jones June 11 1917

N.M. Luna Walter Hough June 29 "

Holbrook. " "

" " "

Arizona E.A. Goldman. 1917

all sent to N.Y.B.G.

California, San Antonio canyon
west, on line Los Angeles & San Bernardino Co
Jim Johnston, (all sent to N.Y.B.G.)

Arizona Diamond Creek
E.A. Goldman Sept 9 1917
sent to N.Y.B.G. See photo

- | | | |
|-------|---------------------|--|
| 17.24 | <i>Sedum</i> | |
| 17.25 | <i>Sedum</i> | flowers white
arriomoleum
dead destroyed |
| 17.26 | <i>Cereus</i> | gummosus |
| 17.27 | <i>Cereus</i> | eruca |
| 17.28 | <i>Mamillaria</i> | halei |
| 17.29 | <i>Echinocactus</i> | virescens
Dead Ex RAS |
| 17.30 | <i>Dudleya</i> | albiflora ? |
| 17.31 | <i>Echmocereus</i> | bartholomewi |
| 17.32 | <i>Mamillaria</i> | roseana (all 5 ny) |
| 17.33 | " | gordanaei ?? |
| 17.34 | <i>Opuntia</i> | (all ny) |
| 17.35 | <i>Mimna</i> | lobata Llav & Lep |
| 17.36 | <i>Dudleya</i> | Dead |
| 17.37 | " | |
| 17.38 | <i>Sedum</i> | |

California J.M. Johnston no 1644

" San Antonio Mts " 20/288,

Lower California near Magdalena Bay Collected by C. R. Brady

11

Good preserved

Grown from Mex Seed sent by Mr EE
Manville

California J. M. Johnston no 1788

1, 1789

11 " 1790

1739 Dudleya

1740 Dudleya

1741 Stylophyllum Dead

1742 Hasseanthus elongatus

1743 Opuntia exaltatus Buzer.

1801 Echinocactus dead

1802 Mamillaria robustifolia

California J.M. Johnston no 1791

" " 1792

" " —

" " no. 1794

Peru, Matucana J. Gancion. 1917

Forest Shrub Arizona

42 4284⁽¹⁴⁾